SGI environmental THE SOURCE GROUP, INC.

# LETTER OF TRANSMITTAL

Date: November 29, 2006

299 W. Hillcrest Drive, Ste220
Thousand Oaks, CA 91360
Telephone: (805) 373-9063
Facsimile: (805) 373-9073

Delivered via:

- ■ U.S. Mail
- ☐ Next Day
- ☐ Courier
- ■ Other: Signature Conf. #23050270000115185862

Attention: Ms. Rachel Loftin - Remedial Project Manager
Company: U.S. EPA, Pacific Southwest Region - Superfund Division, SFD-7-4
Address: 75 Hawthorne Street
San Francisco, CA 94105

Project: Former Stainless Steel Products Site - 2980 San Fernando Boulevard, Burbank, California
Subject: Fourth Quarter 2006 Groundwater Monitoring & Sampling Report

Enclosed:

- ☐ Proposal
- ☐ Contract
- ■ Report
- ☐ Letter
- ☐ Other:

For:

- ☐ Per Your Request
- ■ For Review
- ☐ For Approval
- ☐ For Signature
- ■ Your Information
- ☐ Return
- ☐ Other:

Comments

Sent by: Daniel Grasmick, P.E.
Principal Engineer

cc: Craig Bloomgarden - Steefel, Levitt, & Weiss
Sonja Donaldson - SSP Industries, Inc.

SGI environmental THE SOURCE GROUP, INC.

November 29, 2006

Ms. Rachel Loftin
Remedial Project Manager
U.S. EPA, Pacific Southwest Region
Superfund Division, SFD-7-4
75 Hawthorne Street
San Francisco, CA 94105

Subject: **Fourth Quarter 2006 Groundwater Monitoring and Sampling Report**
**Former Stainless Steel Products Site**
**2980 San Fernando Boulevard**
**Burbank, California**

**File No. 104.1005; SLIC ID No. 2040145**

Dear Ms. Loftin:

Enclosed with this letter, The Source Group, Inc. (SGI) is submitting to the United States Environmental Protection Agency (USEPA) the *Fourth Quarter 2006 Groundwater Monitoring and Sampling Report* for the Former Stainless Steel Products (SSP) Site. Four rounds of groundwater sampling and monitoring now have been completed and reported at the former SSP Site in accordance with and in satisfaction of the request of the United States Environmental Protection Agency (USEPA) and Los Angeles Regional Water Quality Control Board (LARWQCB) as described in the USEPA's letter dated August 19, 2005.

Based upon the laboratory analytical results from the January 11, April 27, July 5, and September 25, 2006 sampling events, the following conclusions can be made regarding the general chemistry of groundwater underlying the site:

- Groundwater analytical results for general minerals, including both cationic and anionic species show that concentrations are stable over time and between groundwater monitoring wells. None of the cationic or anionic general mineral species exceed promulgated California DHS MCLs or Notification Levels.
- Groundwater analytical results for CAM Title 22 listed metals show little variability over time and between groundwater monitoring wells. None of the CAM Title 22 listed metals exceed their promulgated California DHS MCLs or Notification Levels.
- Field and laboratory measurements of parameters such as dissolved oxygen, oxidation reduction potential (ORP), specific conductance, pH, and temperature showed little variation over time and between groundwater monitoring wells.
- Of the five emergent chemicals of concern tested for at the Site, only 1,4-dioxane and hexavalent chromium has been detected in one of the three groundwater monitoring wells slightly above the respective California DHS Notification level for each constituent, and only during one of the four groundwater sampling events.

299 West Hillcrest Drive
Suite 220
Thousand Oaks, California 91360

Telephone: (805) 373-9063
Facsimile: (805) 373-9073
e-mail: dgrasmick@thesourcegroup.net

- Six VOCs are detected in groundwater underlying the Site at levels that exceed their promulgated California DHS MCLs or Notification Levels. VOCs that exceed regulatory action levels include carbon tetrachloride, 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene. In 2006, groundwater analytical results for these detected VOCs show little variability over time in individual groundwater monitoring wells.

The purpose of groundwater monitoring and sampling requested by the USEPA was to establish current groundwater conditions at the former SSP Burbank Site. VOCs continue to be present in Site wells at relatively stable concentrations over time, and are consistent with historic data gathered at the former SSP Burbank site. Emergent chemicals, such as Hexavalent Chromium (CrVI), Perchlorate, 1,2,3-Trichloropropane (1,2,3-TCP), 1,4-Dioxane, and N-nitrosodimethylamine (NDMA) were not detected in groundwater samples, or were at or below regulatory action levels (MCLs or Notification Levels) established for each chemical.

Based on the findings and conclusions summarized above, no additional quarterly groundwater monitoring and sampling is necessary or should be requested to assess and characterize the current condition of groundwater underlying the Site. Please to not hesitate to contact me at (805) 373-9063 with any questions or comments.

Respectfully submitted,
**The Source Group, Inc.**

Daniel L. Grasmick, P.E.
Principal Engineer

Enclosures:

***Fourth Quarter 2006 Groundwater Monitoring and Sampling Report. Former Stainless Steel Products Site***

cc:

Mr. Craig Bloomgarden - Steefel, Levitt, and Weiss
Ms. Sonja Donaldson - SSP Industries, Inc.
Mr. Daniel Fresquez - Musick, Peeler & Garrett, LLP
Mr. Gerald Harvey, Esq. - SSP Industries, Inc.
Mr. Ryan Hiete - Musick, Peeler & Garrett, LLP
Mr. Alex Lapostol - California Regional Water Quality Control Board, Los Angeles Region
Mr. Dixon Oriola – California Regional Water Quality Control Board, Los Angeles Region
Mr. Charles Uhlmann - The Uhlmann Offices, Inc.

SGI environmental THE SOURCE GROUP, INC.

# FOURTH QUARTER 2006 GROUNDWATER MONITORING AND SAMPLING REPORT
## Former Stainless Steel Products Site
## 2980 San Fernando Boulevard
## Burbank, California

## FILE NO. 104.1005; SLIC ID NO. 2040145

November 27, 2006

For submittal to:
Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, California 90013

United States Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105

Prepared by:
**The Source Group, Inc.**
501 Marin Street, Suite 112B
Thousand Oaks, California 91360
(805) 373-9063

PROFESSIONAL GEOLOGIST
FREDERICK E. CLARK
No. 4802
EXP. 4/08
STATE OF CALIFORNIA

Prepared/Reviewed by:

Daniel Grasmick, P.E.
Principal Engineer

Reviewed by:

Frederick Clark, P.G.
Principal Geologist

**FOURTH QUARTER 2006**
**GROUNDWATER MONITORING AND SAMPLING REPORT**
**Former Stainless Steel Products Site**
**2980 San Fernando Boulevard**
**Burbank, California**
**FILE NO. 104.1005; SLIC ID NO. 2040145**

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## 1.0 INTRODUCTION

This report presents the results of quarterly groundwater monitoring activities for the Fourth Quarter 2006 conducted by The Source Group, Inc. (SGI) at the former Stainless Steel Products (SSP) Site located at 2980 North San Fernando Blvd. in Burbank, California (Site, Figure 1). Four quarters of groundwater monitoring are being performed in accordance with a United States Environmental Protection Agency (USEPA) and Los Angeles Regional Water Quality Control Board (LARWQCB) request as described in the USEPA's letter dated August 19, 2005. A response and clarification to the request for groundwater monitoring was transmitted to EPA and the RWQCB on November 30, 2005 (Musick et al., 2005). This quarterly groundwater monitoring report summarizes the fourth quarter groundwater gauging and sampling activities conducted on September 25, 2006

## 2.0 BACKGROUND

The site is located in an industrial / commercial area of Burbank, California. Numerous site investigation activities have occurred at the site since the mid-1980's. Site investigation activities have included soil gas surveys, soil boring and sampling, geoprobe installation, groundwater monitoring well installation, groundwater sampling, and other site assessment activities. The site investigation activities have targeted primarily organic compounds, including volatile organic compounds (VOCs), and other chemical constituents, such as metals. Approximately 90 soil borings (both direct push and hollow stem auger), soil vapor probes, and soil vapor extraction wells have been installed at the site since the mid-1980's. More than 300 soil samples have been collected during site investigation activities ranging in depth from surface samples to approximately 150 feet below grade surface (bgs)(Geraghty and Miller 1991, and Converse Consultants, 2004). A chronology of soil investigations at the site was provided in Conestoga-Rover and Associates (CRA) report entitled '*SSP Burbank, Revised Request for Closure Report*', dated November 2004. A soil vapor extraction system was operated at the site by CRA for an approximately four-year operational time interval. Closure of the soil vapor extraction remediation was accepted by the Los Angeles Water Board in 2005. In a letter dated April 12, 2005, the LARWQCB indicated there would be no further requirement for soil remediation at the site.

## 3.0 REGIONAL AND SITE HYDROGEOLOGY

The site is located within the east-central portion of the San Fernando Valley groundwater basin (California DWR, Bulletin 118, 2003). Groundwater within the basin is stored in the alluvial deposits that comprise the valley fill. Sediments within the western portion of the basin consist typically of fine-grained sands, silts, and clays that exhibit low permeability and low water yields. Groundwater in this area is nearer to the surface and transmitted at slower rate than in the coarser alluvium of the eastern portion of the valley. Groundwater characteristics range from unconfined in the eastern portion of the basin, to confined in the western portion. The groundwater generally flows away from the surrounding hills and mountains to percolate into the permeable portions of the alluvial fans. Regional groundwater flow direction is toward the southeast. The nearest surface drainage is the Burbank Western Channel, located northeast of the site. Flow in this concrete-lined channel is toward the southeast.

## 4.0 GROUNDWATER MONITORING AND SAMPLING

Methods for measuring depth to water, collecting groundwater samples, and performing laboratory analyses are presented below.

### 4.1 Depth to Water Measurements

The depth to static groundwater was measured prior to sampling in monitoring wells W-1, W-2, and W-3 on September 25, 2006. Water level data was recorded on the well gauging data forms and well monitoring data sheets (Appendix A). The location of each groundwater monitoring well is shown on Figure 2. Construction details for the groundwater monitoring wells located on the former SSP site are presented in Table 1.

### 4.2 Groundwater Sampling

During this quarterly monitoring period, groundwater samples were collected from the three onsite groundwater monitoring wells. Groundwater samples were collected on September 25, 2006 from monitoring wells W-1, W-2, and W-3. Groundwater samples and water level data were collected in general accordance with United States Environmental Protection Agency (USEPA) sampling guidance (USEPA, 1994).

A 2-inch diameter Grundfos submersible electric pump with new tubing was used for purging of each groundwater monitoring well (approximately 7.6 liter/min). During purging, the pH, temperature, specific conductance, turbidity, oxidation-reduction potential (ORP), and dissolved oxygen of purge water were monitored with in-line meters

and recorded on the sampling forms. Qualitative observations were also recorded. Purging continued until stabilization of water quality parameters (± 0.1 units for pH and ± 3% for specific conductance) was achieved. These parameters were measured to assess the stability of extracted groundwater. Stable field parameter measurements indicate that the groundwater samples collected are likely representative of in-situ groundwater conditions. Field measurement instruments were calibrated prior to their use. The calibration notes and the recorded field measurements are included on the well monitoring data sheets presented in Appendix A. The instrument calibration notes are presented on the Test Equipment Calibration Log (Appendix A). Groundwater monitoring well purge water was stored onsite in labeled 55–gallon drums until the final analytical laboratory summary reports were received and proper disposal was arranged. Purge water was picked up and transported to U.S. Filter Recovery Services in Los Angeles, CA for disposal on November 3, 2006.

Groundwater samples from each well were placed in analysis-specific containers. The sample containers were labeled with sample-point identification, project name, time and date of collection, and analyses desired. The samples were then placed on ice within an ice chest, and transported to the laboratory under standard chain-of-custody protocol. Copies of the chains of custody are provided with the laboratory reports in Appendix B.

A trip blank, provided by the analytical laboratory, was included with field samples during their transport back to the laboratory. The purpose of the trip blank was to assess potential contamination that may be introduced during shipping and field handling procedures. The trip blank was analyzed for VOCs using EPA method 8260B.

### 4.3 Laboratory Analysis

Samples collected during this quarterly monitoring event were submitted to American Environmental Testing Laboratory, Inc. of Burbank, California, a State-of-California certified analytical laboratory following chain-of-custody protocols. All groundwater samples collected during this quarter were analyzed for:

- Volatile organic compounds (VOCs) using EPA Method 8260B;
- 1,2,3-trichloropropane and 1,4-dioxane by EPA Method 8260B-SIM (or, 8260B Modified);
- CAM Title 22 Metals using EPA Methods 6010/7000 series;
- Calcium, iron, magnesium, manganese, potassium, and sodium using EPA Method 6010;
- Sulfide using EPA method 376.2;

- Chloride, fluoride, nitrate as N, nitrite as N, phosphate, and sulfate using EPA Method 300.0;
- Perchlorate using EPA Method 314.0;
- Total Dissolved Solids using EPA Method 160.1;
- Hexavalent Chromium using EPA Method 7199; and,
- N-Nitrosodimethylamine (NDMA) using EPA Method 1625M.

The required sample volumes for CAM Title 22 Metals analyses were field-filtered with 0.45 micron filters by the groundwater sampling contractor prior to analyses. Photocopies of the laboratory summary reports and chain-of-custody records are included in Appendix B.

## 5.0 RESULTS OF WATER-LEVEL MEASUREMENTS

Depth to water measurements in groundwater monitoring wells this quarter were 217.17, 218.70, and 222.46 feet below the top of casing in wells W-1, W-2, and W-3, respectively. The calculated groundwater surface elevations underlying the site ranged from 470.24 feet above mean sea level (MSL) to 475.06 feet above MSL.

The depth to water measurements and calculated groundwater elevations in each monitoring well this quarter are presented in Table 2. A groundwater contour map illustrating the interpreted potentiometric surface for this quarterly monitoring period is presented on Figure 2. Based solely on these depth-to-water measurements, the direction of groundwater flow is estimated to be generally to the west. The hydraulic gradient is estimated to be approximately 0.020 ft/ft. A limited data set of groundwater elevation data was available at the time this report was prepared. The spatial relationship of well locations W-1, W-2, and W-3 is not ideal for calculating a representative groundwater gradient for the Site. As a result, the estimates of groundwater flow direction and hydraulic gradient calculated using data from the three on-site wells may not be indicative of regional groundwater flow direction and gradient. Historic estimates of groundwater flow direction at the former SSP site and adjoining properties have been generally to the south (Dames and Moore, 1995, and Golden State Environmental, 2005).

# 6.0 RESULTS OF CHEMICAL ANALYSES

The following sections summarize the laboratory analytical results from groundwater samples obtained as part of this quarterly monitoring event.

## 6.1 Volatile Organic Compounds

Eight volatile organic compounds were detected in groundwater samples obtained from groundwater monitoring wells at the Site during this monitoring period. These VOCs are carbon tetrachloride, chloroform, 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, tetrachloroethene (PCE), 1,1,1-trichloroethane, and trichloroethene (TCE). No other VOCs were detected in groundwater samples collected this quarter. Groundwater analytical results for VOCs are summarized in Table 3.

Carbon tetrachloride Carbon tetrachloride was detected in all three wells during this quarter at concentrations ranging from 5.5 to 12.0 microgram/liter (µg/L). These concentrations are above the California Department of Health Services (DHS) Primary Maximum Contaminant Level (MCL) for carbon tetrachloride of 0.5 µg/L.

Chloroform Chloroform was detected in all three groundwater monitoring wells during this quarter at concentrations ranging from 2.3 to 16.4 µg/L. These concentrations are below the DHS Primary MCL for chloroform (total trihalomethanes) of 100 µg/L.

1,1-Dichloroethane 1,1-Dichloroethane was detected in groundwater monitoring wells W-3 and W-2 during this quarter at concentrations of 7.4 and 9.2 µg/L, respectively. These concentrations are above the DHS Primary MCL for 1,1-dichloroethane of 5 µg/L.

1,1-Dichloroethene 1,1-Dichloroethene was detected in all three groundwater monitoring wells during this quarter at concentrations ranging from 36.3 to 159 µg/L. These concentrations are above the DHS Primary MCL for 1,1-dichloroethene of 6 µg/L.

cis-1,2-Dichloroethene cis-1,2-Dichloroethene was detected in groundwater monitoring wells W-2 and W-3 during this quarter at concentrations of 20.3 and 20.8 µg/L, respectively. These concentrations are above the DHS Primary MCL for cis-1,2-dichloroethene of 6 µg/L.

Tetrachloroethene Tetrachloroethene was detected in all three groundwater monitoring wells during this quarter at concentrations ranging from 120 to 785 µg/L. These concentrations are above the DHS Primary MCL for tetrachloroethene of 5 µg/L.

1,1,1-Trichloroethane 1,1,1-Trichloroethane was detected in groundwater monitoring wells W-2 and W-3 during this quarter at concentrations of 0.8 (flagged with a "J", which denotes the concentration is estimated) and 3.6 µg/L, respectively. These concentrations are below the DHS Primary MCL for 1,1,1-trichloroethane of 200 µg/L.

Trichloroethene Trichloroethene was detected in all three groundwater monitoring wells during this quarter at concentrations ranging from 372 to 2,990 µg/L. These concentrations are above the DHS Primary MCL for trichloroethene of 5 µg/L.

### 6.2 Emergent Chemicals

The following compounds, identified as emergent chemicals of concern by the California State Water Board, were analyzed for in samples obtained from groundwater monitoring wells W-1, W-2, and W-3:

- Hexavalent Chromium (CrVI);
- Perchlorate;
- 1,2,3-Trichloropropane (1,2,3-TCP);
- 1,4-Dioxane; and,
- N-nitrosodimethylamine (NDMA)

Groundwater analytical results for emergent chemicals of concern are summarized in Table 4. A photocopy of the laboratory summary report is provided in Appendix B. Hexavalent chromium was the only emergent chemical of concern detected at the site during this monitoring period. Hexavalent chromium was detected in all three wells during this monitoring period at concentrations ranging from 7.9 to 31.1 µg/L. These concentrations are below the California DHS Primary MCL for chromium of 50 µg/L. . Perchlorate, 1,2,3-TCP, 1,4-Dioxane, and NDMA were not detected during this monitoring period.

### 6.3 CAM Title 22 Listed Metals

Groundwater analytical results for CAM Title 22 listed metals during this monitoring period are summarized in Table 5. A photocopy of the laboratory summary report for CAM Title 22 listed metals is provided in Appendix B. Four of the 17 CAM Title 22 listed metals were detected in water samples obtained from monitoring wells at the site. The

CAM Title 22 listed metals that were detected included barium, chromium, molybdenum, and zinc. Of the four metals, barium and molybdenum were detected above their respective reported practical quantitation limit (PQL). Chromium and zinc were detected above their respective method detection limit (MDL) reported for each metal, but below the corresponding PQL. Consequently, the dissolved concentrations reported by the analytical laboratory for chromium and zinc are presented as "estimates," and are flagged with the letter J. Concentrations of detected CAM Title 22 listed metals were all below their respective California DHS Primary or Secondary MCL.

### 6.4 General Minerals Analysis – Cations and Anions

Groundwater analytical results for general minerals, including both cationic and anionic species, during this monitoring period are summarized in Tables 6 and 7, respectively. Cationic general mineral species detected in groundwater samples obtained from W-1, W-2, and W-3 included calcium, iron, magnesium, manganese, potassium, and sodium. With the exception of iron and manganese, none of these cationic general mineral species have promulgated California DHS MCLs or Notification Levels. Iron and manganese were not detected at concentrations above their respective California DHS Secondary MCL or Notification Level.

Anion general mineral species detected in groundwater samples obtained from W-1, W-2, and W-3 included chloride, fluoride, nitrate, nitrite, phosphate, sulfide, and sulfate. The detected concentrations were below their respective California DHS Primary and Secondary MCLs.

Groundwater analytical results for total dissolved solids (TDS), using EPA method 160.1, are also summarized in Table 7. The detected concentrations of TDS are above the respective California DHS Secondary MCL of 500 mg/liter in groundwater monitoring wells W-1 and W-2.

### 6.5 Data Quality Assessment

A review of the laboratory's internal QA/QC analysis of analytical method blanks, laboratory control standards (LCS), and matrix spike/matrix spike duplicate (MS/MSD) samples indicate no deviations from internal laboratory QC limits. Laboratory QA/QC data is included with the analytical data presented in Appendix B.

An evaluation of the trip blank that accompanied groundwater samples from the field to the laboratory indicates no evidence of potential VOC cross-contamination during transport of samples.

# 7.0 DISCUSSION AND CONCLUSION OF 2006 QUARTERLY RESULTS

## 7.1 Groundwater Elevation and Flow Direction

Based on available data from the three on-site wells, the interpreted direction of groundwater flow this quarter is estimated to be to the west at a gradient estimated to be approximately 0.021 ft/ft. However, because calculation of groundwater flow direction and hydraulic gradient were based on groundwater elevation data from the three on-site wells, estimates of flow direction and gradient may not be representative of regional groundwater conditions. For example, groundwater flow direction was calculated to be to the south or southwest in April 2005 in the southern portion of the Weber Property, located north of the former SSP Site (Golden State Environmental, 2005). Groundwater gradient on the Weber site was estimated to be 0.003 ft/ft in the southern portion of the Weber property. Historically, groundwater flow direction was characterized as being to the southeast at the former SSP Site in 1995 (Dames and Moore, 1995). Properties to the west, north, and northeast of the former SSP site were indicated to be upgradient of the SSP Site (Dames & Moore, 1995).

## 7.2 Groundwater Quality

The detection of chlorinated VOCs in groundwater samples this quarter are generally consistent with historical groundwater monitoring and sampling events completed at the site. Six individual VOCs were detected at concentrations exceeding drinking water standards or notification levels in samples obtained from the three onsite wells, including:

- Carbon tetrachloride;
- 1,1-Dichloroethane;
- 1,1-Dichloroethene;
- cis-1,2-Dichloroethene;
- Tetrachloroethene (PCE); and,
- Trichloroethene (TCE).

PCE, TCE, and 1,1-Dichloroethene were the three most prominent VOCs detected in water samples obtained from the on-site groundwater monitoring wells. PCE concentrations detected during Fourth Quarter 2006 were the same order-of-magnitude as historic PCE concentrations detected in the three on-site groundwater monitoring wells. Concentrations of TCE detected during Fourth Quarter 2006 in groundwater monitoring wells W-2 and W-3 were slightly higher, but the same order-of-magnitude, as historic groundwater concentrations of TCE. The TCE concentration detected in W-1

Third Quarter 2006 was comparable to historic concentrations. Based on the analytical results of the four recent on-site groundwater monitoring sampling events, groundwater concentrations of VOCs have been relatively constant during 2006.

Based on extensive subsurface assessment and characterization activities completed at the site to date (A.L. Burke, 1988-1989, Geraghty and Miller, 1991, Dames and Moore, 1993 & 1996, and Converse Consultants, 2004), PCE was identified as the primary VOC of concern in on-site soils. PCE impacts to soil underlying the site were at depths less than 90 feet bgs. VOCs, with the exception of PCE, are present in groundwater beneath the Site, but were not present in significant concentrations in Onsite Soils. TCE, detected at concentrations ranging from 557 to 3,680 ug/liter in groundwater, was not detected in onsite soils (A.L. Burke, 1988-1989, and Geraghty and Miller, 1991). Historic site investigation results indicate that the VOCs present in groundwater beneath the Site originated from off-site sources (Dames and Moore, 1994, Dames and Moore, 1995).

Of the five chemical constituents identified as "emergent chemicals of concern", none of these constituents were detected at concentrations greater than their respective California DHS Primary MCL or Notification Level for drinking water in this round of groundwater sampling and monitoring. Of the five emergent chemicals of concern tested for at the Site, only hexavalent chromium and 1,4-dioxane have been detected above their respective California DHS Primary MCL or Notification level, and each only once during one of the four groundwater sampling events completed in 2006.

Neither total chromium nor hexavalent chromium were detected during the first, second, and fourth monitoring events at concentrations above MCLs. During the third quarterly sampling and monitoring event, hexavalent chromium was detected in monitoring well W-3 at a concentration of 51.1 ug/L (The California DHS Primary MCL for chromium is 50.0 ug/L). Past soil investigations completed at the site (Geraghty and Miller, 1991 and Converse Consultants, 2004) have not detected hexavalent chromium in soil samples, and relatively low total chromium concentrations in soil. Based on the analytical results reported in 71 soil samples by Converse Consultants (2004), the average and maximum concentrations of total chromium detected in on-site soils was 6.6 mg/kg and 29.7 mg/kg, respectively. Based on these results, soils at the Site are not a potential source of chromium to groundwater.

1,4-Dioxane was not detected during the first, second, and fourth monitoring events at concentrations above California DHS Notification Level established for this compound. During the second quarterly sampling and monitoring event, 1,4-dioxane was detected in

monitoring well W-3 at a concentration of 3.25 ug/L (The California DHS Notification level for 1,4-dioxane is 3.0 ug/L).

Four rounds of groundwater sampling and monitoring have been completed at the former SSP Site in 2006. Based upon the laboratory analytical results from the January 11, April 27, July 6, and September 25, 2006 sampling events, the following conclusions can be made regarding the general chemistry of groundwater underlying the site:

- Groundwater analytical results for general minerals, including both cationic and anionic species show little variability over time and between groundwater monitoring wells. None of the cationic or anionic general mineral species exceed promulgated California DHS Primary MCLs or Notification Levels.
- Groundwater analytical results for CAM Title 22 listed metals show little variability over time and between groundwater monitoring wells. With the exception of chromium, none of the CAM Title 22 listed metals exceed their promulgated California DHS MCLs or Notification Levels.
- Of the five emergent chemicals of concern tested for at the Site, only hexavalent chromium and 1,4-dioxane have been detected above their respective California DHS Primary MCL or Notification level, and only during one of the four groundwater sampling events.
- Six VOCs were detected in groundwater underlying the Site at levels that exceed their promulgated California DHS MCLs or Notification Levels. In 2006, groundwater analytical results for detected VOCs show little variability over time in individual groundwater monitoring wells.

Four quarters of groundwater monitoring and sampling have been performed at the former SSP Burbank site in accordance with a United States Environmental Protection Agency (USEPA) and Los Angeles Regional Water Quality Control Board (LARWQCB) request as described in the USEPA's letter dated August 19, 2005. The purpose of groundwater monitoring and sampling requested by the USEPA was to establish current groundwater conditions at the former SSP Burbank Site. VOCs continue to be present in Site wells at relatively stable concentrations over time. Emergent chemicals, such as Hexavalent Chromium (CrVI), Perchlorate, 1,2,3-Trichloropropane (1,2,3-TCP), 1,4-Dioxane, and N-nitrosodimethylamine (NDMA) were not detected in groundwater samples, or were at or below regulatory action levels (MCLs or Notification Levels) established for each chemical. Other organic and inorganic parameters that were tested for in groundwater exhibited relatively stable concentrations over the four quarterly groundwater sampling and monitoring events. Based on the findings and conclusions summarized above, no additional quarterly groundwater monitoring and sampling is

necessary to assess and characterize the current condition of groundwater underlying the Site.

## 8.0 LIMITATIONS AND PROFESSIONAL CERTIFICATION

This report has been prepared for the exclusive use by SSP Industries, Inc. and The Uhlmann Offices, Inc. as it pertains to the former SSP Site located at 2980 North San Fernando Boulevard, in Burbank, California. Services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by reputable qualified environmental consultants practicing at this or similar locations. No other warranty, either expressed or implied, is made as to any professional advice included in this report. These services were performed consistent with the agreements between SGI, Former SSP Industries, Inc., and The Uhlmann Offices, Inc.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the clients, purposes, locations, time frames, and project parameters indicated. SGI does not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

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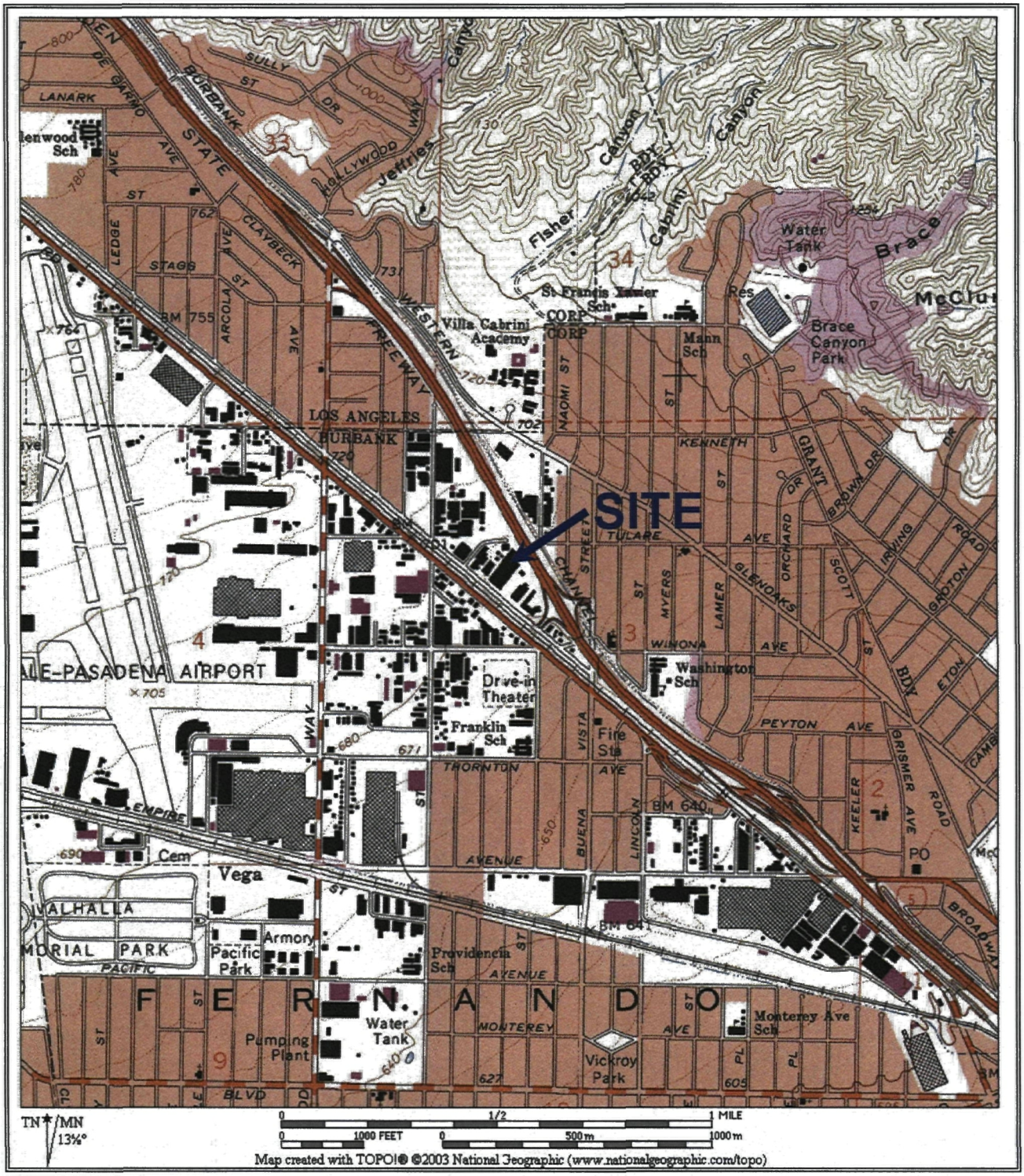
# FIGURES




Source: U.S.G.S. 7.5-Minute Series Topographic Maps
Burbank, CA Quadrangle, 1966, Photorevised 1972

Site Address: 2980 North San Fernando Boulevard, Burbank, CA

| DRAFTED BY: SE | CHECKED BY: DG | PROJECT NO: 02-SSP-001 | FIGURE NO: 1 | SITE ID: Former SSP Industries | THE SOURCE GROUP, INC. 501 Marin Street Suite 112B Thousand Oaks, CA 91360 |
|---|---|---|---|---|---|
| DWG DATE: 3/28/06 | REV. DATE: N/A | CLIENTS: SSP Industries, Inc. The Uhlmann Offices, Inc. | TITLE: **SITE LOCATION MAP** | | |
| FILE NAME: Figure 1 - Site Location Map.doc | | | | | |

UNPAVED LOT
PARKING
WEBER PROPERTY
UNPAVED LOT
PARKING
PARKING
DRIVEWAY
PARKING
KAHR BUILDING
Tulare Avenue
PARKING
ASPHALT
474
W-2
(475.06)
W-3
(470.24)
SSP BUILDING
ASPHALT
W-1
(471.42)
472
STAINLESS STEEL PRODUCTS BUILDING
ASPHALT
DRIVEWAY/ENTRANCE
BUILDING
PARKING
PARKING
BUILDING
San Fernando Boulevard
Southern Pacific Railroad
San Fernando Boulevard
Golden State Freeway - Northbound
Golden State Freeway - Southbound
Burbank Channel
PARKING
PARKING
OTI PROPERTY
5
5

## Legend

- APPROXIMATE SITE PROPERTY LINE
- APPROXIMATE AREA PROPERTY LINE
- APPROXIMATE CENTER LINE OF STREET
- W-3 GROUNDWATER MONITORING WELL

## Groundwater Monitoring Legend

(470.24) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (AMSL)

LINE OF EQUAL GROUNDWATER ELEVATION, DASHED WHERE INFERRED. ARROW INDICATES DIRECTION OF GROUNDWATER FLOW.

## Notes:

1. PROPERTY LINE LOCATIONS FROM LOS ANGELES COUNTY ASSESSOR'S OFFICE ON-LINE GIS DATABASE. BUILDINGS AND OTHER FEATURES LOCATED USING GEOREFERENCED IMAGERY FROM MS TERRASERVER ON-LINE GIS DATABASE, COPYRIGHT 2006.
2. GROUNDWATER MONITORING WELL LOCATIONS SURVEYED BY EVANS SURVEYING AND MAPPING ON JANUARY 11, 2006 AND ON APRIL 6, 2006, FOLLOWING MODIFICATIONS TO W-1 AND W-3.

N

0 100 200

APPROXIMATE SCALE IN FEET

| DATE: | PROJECT NO. |
|---|---|
| 11/06 | 02-SSP-001 |

Stainless Steel Products

# Groundwater Elevation Contour Map
# Septembet 25, 2006

2980 North San Fernando Boulevard
Burbank, California

SGI environmental The Source Group, Inc.

FIGURE 2

FILENAME: 02-SSP-001GW06-4.1106.DWG (1:1)

UNPAVED LOT

PARKING

WEBER PROPERTY

UNPAVED LOT

PARKING

PARKING

DRIVEWAY

PARKING

KAHR BUILDING

Tulare Avenue

PARKING

SSP BUILDING

ASPHALT

ASPHALT

STAINLESS STEEL PRODUCTS BUILDING

ASPHALT

BUILDING

San Fernando Boulevard

Southern Pacific

Golden State Freeway - Northbound

Golden State Freeway - Southbound

Burbank Channel

PARKING

PARKING

OTI PROPERTY

5

5

| W-2 | |
|---|---|
| Carbontet | 5.5 |
| Chloro | 12.1 |
| 1,1-DCA | 9.2 |
| 1,1-DCE | 146 |
| CIS-1,2-DCE | 20.3 |
| PCE | 120 |
| 1,1,1-TCA | 0.8J |
| TCE | 1,870 |
| Chromium3 | <0.05 |
| CrVI | 8.14 |

W-2

| W-3 | |
|---|---|
| Carbontet | 12.0 |
| Chloro | 16.4 |
| 1,1-DCA | 7.4 |
| 1,1-DCE | 159 |
| CIS-1,2-DCE | 20.8 |
| PCE | 785 |
| 1,1,1-TCA | 3.6 |
| TCE | 2,990 |
| Chromium3 | 0.027J |
| CrVI | 31.1 |

W-3

| W-1 | |
|---|---|
| Carbontet | 7.9 |
| Chloro | 2.3 |
| 1,1-DCA | <1.0 |
| 1,1-DCE | 36.3 |
| CIS-1,2-DCE | <1.0 |
| PCE | 191 |
| 1,1,1-TCA | <1.0 |
| TCE | 373 |
| Chromium3 | <0.05 |
| CrVI | 7.9 |

W-1

## Legend

- APPROXIMATE SITE PROPERTY LINE
- APPROXIMATE AREA PROPERTY LINE
- APPROXIMATE CENTER LINE OF STREET
- W-3 GROUNDWATER MONITORING WELL

| W-3 | |
|---|---|
| Carbontet | CARBON TETRACHLORIDE |
| Chloro | CHLOROFORM |
| 1,1-DCA | 1,1-DICHLOROETHANE |
| 1,1-DCE | 1,1-DICHLOROETHENE |
| CIS-1,2-DCE | CIS-1,2-DICHLOROETHENE |
| PCE | TETRACHLOROETHENE |
| 1,1,1-TCA | 1,1,1-TRICHLOROETHANE |
| TCE | TRICHLOROETHENE |
| Chromium3 | CAM 17 METAL (See Note 3) |
| CrVI | HEXAVALENT CHROMIUM |

## Notes:

1. PROPERTY LINE LOCATIONS FROM LOS ANGELES COUNTY ASSESSOR'S OFFICE ON-LINE GIS DATABASE. BUILDINGS AND OTHER FEATURES LOCATED USING GEOREFERENCED IMAGERY FROM MS TERRASERVER ON-LINE GIS DATABASE, COPYRIGHT 2006.
2. GROUNDWATER MONITORING WELL LOCATIONS SURVEYED BY EVANS SURVEYING AND MAPPING ON JANUARY 11, 2006 AND ON APRIL 6, 2006, FOLLOWING MODIFICATIONS TO W-1 AND W-3.
3. ALL RESULTS PRESENTED IN MICROGRAMS PER LITER (µg/L) EXCEPT CHROMIUM, WHICH IS PRESENTED IN MILLIGRAMS PER LITER (mg/L).
4. J DENOTES THAT THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT BUT BELOW THE PRACTICAL QUANTITATION LIMIT (CONCENTRATION ESTIMATED).
5. < DENOTES THAT THE ANALYTE WAS NOT DETECTED ABOVE ITS METHOD DETECTION LIMIT, WHICH IS SHOWN FOLLOWING THE LESS THAN SYMBOL.
6. ONLY DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) ARE LISTED. FOR COMPLETE LIST OF VOCs SCREENED FOR USING EPA METHOD 8260B, REFER TO SUMMARY REPORT (APPENDIX B).

N

0 100 200

APPROXIMATE SCALE IN FEET

| DATE: | PROJECT NO. |
|---|---|
| 11/06 | 02-SSP-001 |

Stainless Steel Products

# Groundwater Analytical Results September 25, 2006

2980 North San Fernando Boulevard
Burbank, California

SGI environmental — The Source Group, Inc.

FIGURE 3

FILENAME: 02-SSP-001VOC06-4.1106.DWG (1:1)

# TABLES

## Table 1

## Monitoring Well Construction Details

## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Well Identification | Well Diameter (inches) | Total Depth (Feet)[1] | Screened Interval (Feet bgs)[2,3] | Top of Casing Elevation (feet msl)[4,5] |
|---|---|---|---|---|
| **W-1** | 5 | 245.84 | 187 - 242 | 688.59 |
| **W-2** | 5 | 250.32 | 193 - 247 | 693.76 |
| **W-3** | 5 | 239.21 | 189 - 242 | 692.7 |

**Notes:**

1. Total depth as measured on September 25, 2006.
2. Screened intervals from original well construction logs.
3. bgs - below ground surface.
4. Well survey data for W-2 measured January 11, 2006. Well survey dta for W-1 & W-3 measured on April 6, 2006 after well casing modifications.
5. msl - mean seal level.

## Table 2

## Groundwater Elevations
## September 25, 2006

## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Well Identification | Top of Casing Elevation (feet msl)[1,2] | Depth to Groundwater (ft below TOC)[3] | Groundwater Elevation (feet msl) |
|---|---|---|---|
| **September 25, 2006** | | | |
| **W-1** | 688.59 | 217.17 | 471.42 |
| **W-2** | 693.76 | 218.70 | 475.06 |
| **W-3** | 692.70 | 222.46 | 470.24 |

**Notes:**

1. msl - mean seal level.
2. Well survey data for W-2 measured January 11, 2006. Wells W-1 and W-3 re-measured April 6, 2006 after well casing modifications.
3. TOC - top of casing.

## Table 3

## Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) using EPA Method 8260B
## Fourth Quarter 2006
## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Analyte[1,2] | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Carbon Tetrachloride | Chloroform | 1,1-Dichloroethane (11-DCA) | 1,1-Dichloroethene (11-DCE) | cis-1,2-Dichloroethene (cis-12-DCE) | Tetrachloroethene (PCE) | 1,1,1-Trichloroethane (111-TCA) | Trichloroethene (TCE) |
| **W-1** | **9/25/2006** | **7.9**[3] | 2.3 | <1.0[4] | **36.3** | 0.6 J[5] | **191** | <1.0 | **372** |
| **W-2** | **9/25/2006** | **5.5** | 12.1 | **9.2** | **146** | **20.3** | **120** | 0.8 J | **1,870** |
| **W-3** | **9/25/2006** | **12.0** | 16.4 | **7.4** | **159** | **20.8** | **785** | 3.6 | **2,990** |
| **QCTB-1** | **9/25/2006** | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| **Cal. DHS Drinking Water Standard for Analyte - MCL**[6] | | **0.5** | **100** | **5** | **6** | **6** | **5** | **200** | **5** |

**Notes:**

1. All concentrations in micrograms per liter (ug/L).
2. Only detected VOCs are listed in table. For a complete list of VOCs screened for by EPA Method 8260B, please refer to the laboratory summary report (Appendix B).
3. Bold indicates detection of analyte above Cal. DHS Drinking Water Notification Level or Standard.
4. < - denotes analyte not detected above the noted practical quantitation limit.
5. J - denotes analyte was detected between Method Detection Limit (MDL) and Practical Quantitation Limit (PQL), and the concentration is estimated.
6. MCL - denotes value is a Cal. DHS Primary Maximum Contaminant Level - Primary MCL.

## Table 4

## Groundwater Analytical Results
## Emergent Chemicals of Concern
## Fourth Quarter 2006
## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Analyte[1] | | | | |
|---|---|---|---|---|---|---|
| | | Hexavalent Chromium (CrVI) | Perchlorate ($ClO_4^-$) | 1,2,3-Trichloropropane (123-TCP) | 1,4-Dioxane | n-Nitrosodimethylamine (NDMA) |
| | | Analytical Method | | | | |
| | | 7199 | 314 | 5030 / 8260B-SIM | 5030 / 8260B-SIM | 1625M |
| | | Reported Units | | | | |
| | | ug/liter | ug/liter | ug/liter | ug/liter | ng/liter |
| W-1 | 9/25/2006 | 7.86 | <2[2] | <0.005 | <2 | <2 |
| W-2 | 9/25/2006 | 8.14 | <2 | <0.005 | <2 | <2 |
| W-3 | 9/25/2006 | 31.1 | <2 | <0.005 | <2 | <2 |
| Cal. DHS Drinking Water Standard for Analyte | | **50 (MCL)[4]** | **6 (Notif. Level)[5]** | **0.005 (Notif. Level)** | **3 (Notif. Level)** | **10 (Notif. Level)** |

**Notes:**

1. Concentration units noted by analyte.
2. < - denotes analyte not detected above the noted practical quantitation limit.
3. Bold indicates detection of analyte above Cal. DHS Drinking Water Notification Level or Standard.
4. MCL - denotes value is a Cal. DHS Primary Maximum Contaminant Level.
5. Notif. Level - denotes value is a Cal. DHS Notification Level.

**Table 5**

**Groundwater Analytical Results**
**CAM 17 Metals Using EPA Method 6010/7000 Series**
**Fourth Quarter 2006**
**Former SSP Site**
**2980 North San Fernando Boulevard, Burbank California**

| Sample Identification | Sample Date | Analyte and Analytical Test Method[1] | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EPA Method 6010 | | | | | | | | | | | | | | | | EPA Method 7470 |
| | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Copper | Lead | Molybdenum | Nickel | Selenium | Silver | Thallium | Vanadium | Zinc | Mercury |
| W-1 | 9/25/2006 | <0.1 [2] | <0.1 | 0.109 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.032 J[3] | <0.002 |
| W-2 | 9/25/2006 | <0.1 | <0.1 | 0.098 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | 0.01 J | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.033 J | <0.002 |
| W-3 | 9/25/2006 | <0.1 | <0.1 | 0.083 | <0.05 | <0.05 | 0.027 J | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.029 J | <0.002 |
| Cal. DHS Drinking Water Standard for Analyte | | 0.006 (MCL)[4] | 0.05 (MCL) | 1.0 (MCL) | 0.004 (MCL) | 0.005 (MCL) | 0.05 (MCL) | -- | 1.3 (MCL) | 0.015 (MCL) | -- | 0.1 (MCL) | 0.05 (MCL) | 0.1 (2nd MCL)[5] | 0.002 (MCL) | 0.05 (Notif. Level)[6] | 5 (2nd MCL) | 0.002 (MCL) |

Notes:

1. All concentrations in milligrams per liter (mg/L).
2. < - denotes analyte not detected above the noted practical quantitation limit.
3. J - denotes analyte was detected between Method Detection Limit (MDL) and Practical Quantitation Limit (PQL), and the concentration is estimated.
4. MCL - denotes value is a Cal. DHS Primary Maximum Contaminant Level - Primary MCL.
5. 2nd MCL - denotes MCL is a Cal. DHS Secondary MCL.
6. Notif. Level - denotes value is a Cal. DHS Notification Level.

# Table 6

## Groundwater Analytical Results
## General Minerals - Cations; Using EPA Method 6010
## Fourth Quarter 2006
## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Analyte[1] | | | | | |
|---|---|---|---|---|---|---|---|
| | | Calcium | Iron | Magnesium | Manganese | Potassium | Sodium |
| W-1 | 9/25/2006 | 83.2 | <0.1[2] | 26.7 | <0.1 | 3.74 | 27.6 |
| W-2 | 9/25/2006 | 88.3 | <0.1 | 27.4 | <0.1 | 4.71 | 41.3 |
| W-3 | 9/25/2006 | 70.1 | <0.1 | 21.9 | <0.1 | 3.76 | 29.9 |
| Cal. DHS Drinking Water Standard for Analyte | | --[3] | 0.3 (2nd MCL)[4] | -- | 0.5 (Notif. Level)[5] | -- | -- |

**Notes:**

1. All concentrations in milligrams per liter (mg/L).
2. < - denotes analyte not detected above the noted practical quantitation limit.
3. '--' - No Drinking Water Standard available.
4. 2nd MCL - denotes MCL is a Cal. DHS Secondary MCL.
5. Notif. Level - denotes value is a Cal. DHS Notification Level.

## Table 7

## Groundwater Analytical Results
## General Minerals - Anions and Dissolved Oxygen
## Fourth Quarter 2006
## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Chloride | Fluoride | Nitrate as N | Nitrite as N | Sulfate | Sulfide | Phosphate | Total Dissolved Solids |
|---|---|---|---|---|---|---|---|---|---|
| | | Analytical Method | | | | | | | |
| | | 300.0 | 300.0 | 300.0 | 300.0 | 300.0 | 376.2 | 300.0 | 160.1 |
| | | Reported Concentration Units | | | | | | | |
| | | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter |
| W-1 | 9/25/2006 | 52.7 | 0.15 | 9.25 | <0.2[1] | 98 | <0.05 | <0.03 | 568 |
| W-2 | 9/25/2006 | 47.1 | 0.10 | 9.60 | <0.2 | 106 | <0.05 | <0.03 | 548 |
| W-3 | 9/25/2006 | 35.8 | 0.20 | 9.40 | <0.2 | 62.2 | <0.05 | <0.03 | 468 |
| Cal. DHS Drinking Water Standard for Analyte | | 250 (2nd MCL)[2] | 2 (MCL)[3] | 45 (MCL, as nitrate) | 1 (MCL, as nitrite) | 250 (2nd MCL) | --[4] | -- | 500 (2nd MCL) |

**Notes:**

1. < - denotes analyte not detected above the noted practical quantitation limit.
2. 2nd MCL - denotes MCL is a Cal. DHS Secondary MCL.
3. MCL - denotes value is a Cal. DHS Primary Maximum Contaminant Level - Primary MCL.
4. '--' - No Drinking Water Standard available.

# APPENDIX A

## Groundwater Monitoring Field Sampling Forms

# WELL GAUGING DATA

Project # 060925-mp-1 Date 9/25/06 Client The Source Group

Site 2980 San Fernando Blvd., Burbank

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| w-1 | 1010 | 5 | | | | | 217.17 | 245.20 | | |
| w-2 | 0955 | 5 | | | | | 218.70 | 246.37 | | |
| w-3 | 1025 | 5 | | | | | 222.46 | 238.40 | | |
| | | | | | | | | | | |
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# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 060925-MP-1 | Site: The Source Group @ Burbank |
| Sampler: MP | Date: 9/25/06 |
| Well I.D.: W-1 | Well Diameter: 2 3 4 6 8 5" |
| Total Well Depth (TD): 245.20 | Depth to Water (DTW): 217.17 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 222.78 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; ~~2" Redillo pump~~; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; ~~Dedicated Tubing~~; Other:_____

Flow Rate= 2 GPM

28.5 (Gals.) X 3 = 85.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or ~~µS~~) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1406 | 71.81 | 7.7 | 887 | 3 | 8.67 | 12.2 | 14.0 | DTW=218.62 |
| 1413 | 72.03 | 7.7 | 872 | 3 | 8.68 | 27.1 | 28.0 | DTW=220.04 |
| 1420 | 72.07 | 7.7 | 868 | 3 | 8.48 | 30.8 | 42.0 | DTW=220.67 |
| 1427 | 72.10 | 7.7 | 868 | 3 | 8.25 | 31.0 | 56.0 | DTW=221.17 |
| 1434 | 72.14 | 7.7 | 868 | 3 | 8.14 | 30.6 | 70.0 | DTW=221.45 |
| 1441 | 72.18 | 7.7 | 867 | 3 | 8.04 | 30.8 | 84.0 | DTW=221.96 |
| 1443 | 72.18 | 7.7 | 868 | 3 | 8.03 | 30.8 | 86.0 | DTW=222.18 |

Did well dewater? Yes ~~No~~ Gallons actually evacuated: 86.0

Sampling Date: 9/25/06 Sampling Time: 1445 Depth to Water: 222.26

Sample I.D.: W-1 Laboratory: ~~AETL~~

Analyzed for: ~~TPH~~ S.O.W. Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 060925-MP-1 | Site: The Source Group @ Burbank |
| Sampler: MP | Date: 9/25/06 |
| Well I.D.: W-2 | Well Diameter: 2 3 4 6 8 (5.5") |
| Total Well Depth (TD): 246.57 | Depth to Water (DTW): 218.70 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 224.03 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; (2" Redi flo pump); Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; ~~Dedicated Tubing~~; Other:_____

Flow Rate= 2 GPM

28.2 (Gals.) X 3 = 84.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 1.02 |

| Time | Temp (°F) | pH | Cond. (mS or (µS)) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1148 | 71.81 | 7.8 | 835 | 3 | 8.19 | 100.6 | 14.0 | DTW = 222.63 |
| 1155 | 71.78 | 7.8 | 831 | 3 | 8.15 | 97.9 | 28.0 | DTW = 222.82 |
| 1202 | 71.82 | 7.9 | 830 | 3 | 8.16 | 89.8 | 42.0 | DTW = 223.08 |
| 1209 | 71.79 | 7.9 | 830 | 5 | 8.14 | 85.3 | 56.0 | DTW = 223.20 |
| 1216 | 71.82 | 7.9 | 829 | 3 | 8.12 | 80.5 | 70.0 | DTW = 223.51 |
| 1223 | 71.87 | 7.9 | 830 | 3 | 8.10 | 75.6 | 84.0 | DTW = 223.69 |
| 1224 | 71.86 | 7.9 | 830 | 3 | 8.08 | 75.6 | 85.0 | DTW = 223.80 |

Did well dewater? Yes (No) Gallons actually evacuated: 85.0

Sampling Date: 9/25/06 Sampling Time: 1225 Depth to Water: 223.70

Sample I.D.: W-2 Laboratory: (AETL)

Analyzed for: See S.O.W. Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# WELL MONITORING DATA SHEET

| | |
|---|---|
| Project #: 060925-MP-1 | Site: The Source Group @ Burbank |
| Sampler: MP | Date: 9/25/06 |
| Well I.D.: W-3 | Well Diameter: 2 3 4 6 8 5" |
| Total Well Depth (TD): 238.40 | Depth to Water (DTW): 222.46 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type YSI 556 |
| DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 225.65 | |

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; 2" Rediflo pump; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

**Flow Rate=** 2 gpm

16.3 (Gals.) X 3 = 48.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---|---|---|---|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius² * 0.163 |

| Time | Temp (°F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Gals. Removed | Observations |
|---|---|---|---|---|---|---|---|---|
| 1559 | 72.28 | 7.8 | 711 | 49 | 8.13 | 15.1 | 8.0 | DTW=222.89 |
| 1603 | 71.98 | 7.9 | 709 | 45 | 7.96 | 14.7 | 16.0 | DTW=223.06 |
| 1607 | 71.69 | 7.9 | 708 | 22 | 7.89 | 16.8 | 24.0 | DTW=223.28 |
| 1611 | 71.29 | 7.9 | 708 | 16 | 7.92 | 17.9 | 32.0 | DTW=223.53 |
| 1615 | 71.42 | 7.9 | 709 | 16 | 7.89 | 20.3 | 40.0 | DTW=223.92 |
| 1619 | 71.35 | 7.9 | 710 | 14 | 7.89 | 22.4 | 48.0 | DTW=224.08 |
| 1619 | 71.35 | 7.9 | 709 | 14 | 7.90 | 22.5 | 49.0 | DTW=224.10 |

Did well dewater? Yes (No) Gallons actually evacuated: 49.0 MP

Sampling Date: 9/25/06 Sampling Time: 1623 Depth to Water: 224.10

Sample I.D.: W-3 Laboratory: (AETL)

Analyzed for: See S.O.W Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

FB I.D. (if applicable): @ Time Analyzed for:

| | | | | |
|---|---|---|---|---|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

# BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS #

CLIENT The Source Group

SITE 2980 San Fernando

Burbank, CA

CONDUCT ANALYSIS TO DETECT

LAB AEL DHS #

SPECIAL INSTRUCTIONS

Invoice and Report to: The Source Group

Attn: Dan Grasmick

**Fax copy of COC to Dan Grasmick upon receipt**
**(805) 373-9073**

| SAMPLE I.D. | DATE | TIME | MATRIX S = Soil W = H2O | CONTAINERS TOTAL | See Spread Sheet for Analyses and Hold issues | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|---|---|---|---|---|---|---|---|---|---|
| W-1 | 9/25/06 | 1445 | W | 11 | X | | | | |
| W-2 | ↓ | 1225 | ↓ | ↓ | X | | | | |
| W-3 | ↓ | 1623 | ↓ | ↓ | X | | | | |
| QCTB-1 | ↓ | 0845 | ↓ | 2 | X | VOC 25 only | | | |

SAMPLING COMPLETED DATE 9/25/06 TIME

SAMPLING PERFORMED BY Michael Rullyas B.T.S

RESULTS NEEDED NO LATER THAN

| | | | | | |
|---|---|---|---|---|---|
| RELEASED BY Michael Rullyas | DATE | TIME | RECEIVED BY | DATE | TIME |
| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |
| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |
| SHIPPED VIA | DATE SENT | TIME SENT | COOLER # | | |

Laboratory Analytical Requirements - SSP Burbank
4th Sampling Round - 2006
September 25, 2006

| Analyte | Analytical Method | Number of Samples | Sample Status As of 9/21/2006 |
|---|---|---|---|
| VOCs | 8260B | 4 (W-1, W-2, W-3, plus trip blank) | Analyze |
| 1,2,3-TCP | 524.2-SIM | 3 (W-1, W-2, W-3) | Analyze |
| Title 22 Metals | 6010/7000 | 3 (W-1, W-2, W-3) | Field Filtered (per Blaine Tech) Analyze |
| Hexavalent Chromium | 7199 | 3 (W-1, W-2, W-3) | Field Filtered Analyze |
| 1,4-Dioxane | 8260-SIM | 3 (W-1, W-2, W-3) | Analyze |
| NDMA | 1625-M | 3 (W-1, W-2, W-3) | Analyze |
| Perchlorate | 314.1 | 3 (W-1, W-2, W-3) | Analyze |
| Dissolved Na, K, Ca, Mg | 6010 | 3 (W-1, W-2, W-3) | F.F. Analyze |
| Sulfide | 376.2 | 3 (W-1, W-2, W-3) | Analyze |
| Dissolved Fe, Mn | 6010 | 3 (W-1, W-2, W-3) | F.F. Analyze |
| TDS | 160.1 | 3 (W-1, W-2, W-3) | Analyze |
| Inorganics (Chloride, Nitrate, Nitrite, Sulfate) | 300.0 | 3 (W-1, W-2, W-3) | Analyze |
| Inorganics (Fluoride, Phosphate) | 300.0 | 3 (W-1, W-2, W-3) | Analyze |
| Electronic Deliverables | N/A | -- | EDD in Geotracker Format |

# WELLHEAD INSPECTION CHECKLIST



Client The Source Group Date 9/25/06

Site Address 2980 San Fernando Blvd., Burbank

Job Number 060925-MP-1 Technician MP

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12"or less) | WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12"or less) | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitte |
|---|---|---|---|---|---|---|---|---|---|---|
| W-1 | ✓ | ✓ | ✓ | | | | | | | |
| W-2 | ✓ | ✓ | ✓ | | | | | | | |
| W-3 | ✓ | ✓ | ✓ | | | | | | | |
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NOTES:

# TEST EQUIPMENT CALIBRATION LOG

| PROJECT NAME SSF Burbank | | | | PROJECT NUMBER | | | |
|---|---|---|---|---|---|---|---|
| EQUIPMENT NAME | EQUIPMENT NUMBER | DATE/TIME OF TEST | STANDARDS USED | EQUIPMENT READING | CALIBRATED: | TEMP (C°) | INITIALS |
| YSI 556 Flow cell | 06F1362AS | 9/25/06 / 1050 | pH 4.0 7.0 10.0 Cond. 5900 | 4.00 6.99 10.03 3885 | ✓ ✓ ✓ ✓ | 25.23° 25.65° 25.41° 25.37° | MP MP MP MP |
| | | | D.O. 100% ORP 231 | 100% 230.6 | ✓ ✓ | 25.17° 25.49° | MP MP |
| | | | | | | | |
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# APPENDIX B

## Laboratory Data and Chain-of-Custody Forms

# American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com


**Ordered By**

| |
|---|
| The Source Group, Inc. |
| 299 West Hillcrest Drive Suite #220 |
| Thousand Oaks, CA 91360- |

Telephone: (805)373-9063
Attention: Dan Grasmick

| |
|---|
| Number of Pages 20 |
| Date Received 09/25/2006 |
| Date Reported 10/13/2006 |

| Job Number | Order Date | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

Project ID: 060111DC1
Site: 2980 San Fernando Blvd.
Burbank, CA 91504

Enclosed please find results of analyses of 4 water samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

Job # 39080

**BLAINE**
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS #

CLIENT: The Source Group

SITE: 2980 San Fernando

Burbank, CA

CONDUCT ANALYSIS TO DETECT

LAB: AEFL

DHS #

SPECIAL INSTRUCTIONS

Invoice and Report to: The Source Group

Attn: Dan Grasmick

**Fax copy of COC to Dan Grasmick upon receipt**
**(805) 373-9073**

| SAMPLE I.D. | DATE | TIME | MATRIX S = Soil W = H2O | CONTAINERS TOTAL | See Spread Sheet for Analyses and Hold issues | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|---|---|---|---|---|---|---|---|---|---|
| W-1 | 9/25/06 | 1445 | W | 11 | X | | | | 39080.01 |
| W-2 | | 1225 | | | X | | | | 39080.02 |
| W-3 | | 1623 | | | X | | | | 39080.03 |
| QCTB-1 | | 0845 | | 2 | X | VOC's only | | | 39080.04 |

SAMPLING COMPLETED: DATE 9/25/06 TIME

SAMPLING PERFORMED BY: Michael Rullyes B.T.S

RESULTS NEEDED NO LATER THAN

| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |
|---|---|---|---|---|---|
| Michael Rullyes | 9/25/06 | 1750 | | 9/29/06 | 1750 |
| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |
| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |

| SHIPPED VIA | DATE SENT | TIME SENT | COOLER # |
|---|---|---|---|
| | | | |

Laboratory Analytical Requirements - SSP Burbank
4th Sampling Round - 2006
*September 25, 2006*

| Analyte | Analytical Method | Number of Samples | Sample Status As of 9/21/2006 |
|---|---|---|---|
| VOCs | 8260B | 4 (W-1, W-2, W-3, plus trip blank) | Analyze |
| 1,2,3-TCP | 524.2-SIM | 3 (W-1, W-2, W-3) | Analyze |
| Title 22 Metals | 6010/7000 | 3 (W-1, W-2, W-3) | Field Filtered (per Blaine Tech) Analyze |
| Hexavalent Chromium | 7199 | 3 (W-1, W-2, W-3) | Field Filtered Analyze |
| 1,4-Dioxane | 8260-SIM | 3 (W-1, W-2, W-3) | Analyze |
| NDMA | 1625-M | 3 (W-1, W-2, W-3) | Analyze |
| Perchlorate | 314.1 | 3 (W-1, W-2, W-3) | Analyze |
| Dissolved Na, K, Ca, Mg | 6010 | 3 (W-1, W-2, W-3) | F.F. Analyze |
| Sulfide | 376.2 | 3 (W-1, W-2, W-3) | Analyze |
| Dissolved Fe, Mn | 6010 | 3 (W-1, W-2, W-3) | F.F. Analyze |
| TDS | 160.1 | 3 (W-1, W-2, W-3) | Analyze |
| Inorganics (Chloride, Nitrate, Nitrite, Sulfate) | 300.0 | 3 (W-1, W-2, W-3) | Analyze |
| Inorganics (Fluoride, Phosphate) | 300.0 | 3 (W-1, W-2, W-3) | Analyze |
| Electronic Deliverables | N/A | -- | EDD in Geotracker Format |

# American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com


## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

Page: 2

Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 100206**

| Our Lab I.D. | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | 39080.04 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | W-1 | W-2 | W-3 | QCTB-1 |
| Date Sampled | | | | 09/25/2006 | 09/25/2006 | 09/25/2006 | 09/25/2006 |
| Date Prepared | | | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous | Aqueous |
| Units | | | ug/L | ug/L | ug/L | ug/L | ug/L |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 10 | 10 | ND | ND | ND | ND | ND |
| Benzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Bromobenzene (Phenyl bromide) | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Bromochloromethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Bromodichloromethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 1.5 | 3.0 | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 5.0 | 5.0 | ND | ND | ND | ND | ND |
| n-Butylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| sec-Butylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| tert-Butylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Carbon Disulfide | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 0.5 | 1.0 | ND | 7.9 | 5.5 | 12.0 | ND |
| Chlorobenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Chloroethane | 1.5 | 3.0 | ND | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 0.5 | 1.0 | ND | 2.3 | 12.1 | 16.4 | ND |
| Chloromethane (Methyl chloride) | 1.5 | 3.0 | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Dibromochloromethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB) | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Dibromomethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 1.5 | 3.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 0.5 | 1.0 | ND | ND | 9.2 | 7.4 | ND |

# American Environmental Testing Laboratory Inc.

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## ANALYTICAL RESULTS



Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 100206**

| Our Lab I.D. | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | 39080.04 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | W-1 | W-2 | W-3 | QCTB-1 |
| Date Sampled | | | | 09/25/2006 | 09/25/2006 | 09/25/2006 | 09/25/2006 |
| Date Prepared | | | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous | Aqueous |
| Units | | | ug/L | ug/L | ug/L | ug/L | ug/L |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| 1,2-Dichloroethane (EDC) | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 0.5 | 1.0 | ND | 36.3 | 146 | 159 | ND |
| cis-1,2-Dichloroethene | 0.5 | 1.0 | ND | 0.6J | 20.3 | 20.8 | ND |
| trans-1,2-Dichloroethene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Ethylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 1.5 | 3.0 | ND | ND | ND | ND | ND |
| 2-Hexanone | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Isopropylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| p-Isopropyltoluene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 2.5 | 5.0 | ND | ND | ND | ND | ND |
| Methyl-tert-butyl ether (MTBE) | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Methylene chloride (DCM) | 2.0 | 4.0 | ND | ND | ND | ND | ND |
| Naphthalene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| n-Propylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Styrene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachloroethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Tetrachloroethene | 0.5 | 1.0 | ND | 191 | 120 | 785 | ND |
| Toluene (Methyl benzene) | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 0.5 | 1.0 | ND | ND | 0.8J | 3.6 | ND |
| 1,1,2-Trichloroethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Trichloroethene | 0.5 | 1.0 | ND | 372 | 1,870 | 2,990 | ND |
| Trichlorofluoromethane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| 1,3,5-Trimethylbenzene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| Vinyl Acetate | 0.5 | 5.0 | ND | ND | ND | ND | ND |
| Vinyl chloride (Chloroethene) | 0.5 | 3.0 | ND | ND | ND | ND | ND |

American Environmental Testing Laboratory Inc.
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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

# ANALYTICAL RESULTS



Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

**QC Batch No: 100206**

| Our Lab I.D. | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | 39080.04 |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | W-1 | W-2 | W-3 | QCTB-1 |
| Date Sampled | | | | 09/25/2006 | 09/25/2006 | 09/25/2006 | 09/25/2006 |
| Date Prepared | | | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 | 10/02/2006 |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous | Aqueous |
| Units | | | ug/L | ug/L | ug/L | ug/L | ug/L |
| Dilution Factor | | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| o-Xylene | 0.5 | 1.0 | ND | ND | ND | ND | ND |
| m,p-Xylenes | 1.0 | 2.0 | ND | ND | ND | ND | ND |
| **Our Lab I.D.** | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | 39080.04 |
| **Surrogates** | **%Rec. Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| Bromofluorobenzene | 75-125 | | 110 | 108 | 110 | 108 | 108 |
| Dibromofluoromethane | 75-125 | | 105 | 103 | 100 | 100 | 103 |
| Toluene-d8 | 75-125 | | 103 | 105 | 105 | 105 | 105 |

# American Environmental Testing Laboratory Inc.

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com


## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

Page: 5

Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

### Method: 8260B-SIM, 1,2,3-TCP and 1,4-Dioxane by GC/MS SIM (8260B Modified)

**QC Batch No: 100406**

| Our Lab I.D. | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | W-1 | W-2 | W-3 | |
| Date Sampled | | | | 09/25/2006 | 09/25/2006 | 09/25/2006 | |
| Date Prepared | | | 10/04/2006 | 10/04/2006 | 10/04/2006 | 10/04/2006 | |
| Preparation Method | | | 5030B | 5030B | 5030B | 5030B | |
| Date Analyzed | | | 10/04/2006 | 10/04/2006 | 10/04/2006 | 10/04/2006 | |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous | |
| Units | | | ug/L | ug/L | ug/L | ug/L | |
| Dilution Factor | | | 1 | 1 | 1 | 1 | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | |
| 1,4-Dioxane | 2.0 | 2.0 | ND | ND | ND | ND | |
| 1,2,3-Trichloropropane | 0.005 | 0.005 | ND | ND | ND | ND | |
| **Our Lab I.D.** | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | |
| **Surrogates** | **%Rec.Limit** | | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | |
| Toluene-d8 | 60-130 | | 82 | 97 | 109 | 105 | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

Telephone: (805) 373-9063
Attn: Dan Grasmick

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

| Analytes | | | Total Dissolved Solids | Chloride | Fluoride | Nitrate as Nitrogen |
|---|---|---|---|---|---|---|
| Methods of Analyses | | | 160.1 | 300.0 | 300.0 | 300.0 |
| Date Prepared | | | 09/26/2006 | 09/26/2006 | 09/26/2006 | 09/26/2006 |
| Date Analyzed | | | 09/26/2006 | 09/26/2006 | 09/26/2006 | 09/26/2006 |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous |
| QC Batch Number | | | 092606 | 092606 | 092606 | 092606 |
| Units | | | mg/L | mg/L | mg/L | mg/L |
| Method Detection Limit | | | 10 | 0.02 | 0.01 | 0.02 |
| Practical Quantitation Limit | | | 10 | 0.20 | 0.10 | 0.20 |
| Dilution Factor | | | 1 | 1 | 1 | 1 |
| **Lab ID** | **Sample ID** | **Sampled** | **Results** | **Results** | **Results** | **Results** |
| 39080.01 | W-1 | 09/25/2006 | 568 | 52.7 | 0.15 | 9.25 |
| 39080.02 | W-2 | 09/25/2006 | 548 | 47.1 | 0.10 | 9.60 |
| 39080.03 | W-3 | 09/25/2006 | 468 | 35.8 | 0.20 | 9.40 |
| N/A | Method Blank | / / | ND | ND | ND | ND |

| Analytes | | | Nitrite as Nitrogen | Phosphate | Sulfate | Perchlorate |
|---|---|---|---|---|---|---|
| Methods of Analyses | | | 300.0 | 300.0 | 300.0 | 314.0 |
| Date Prepared | | | 09/26/2006 | 09/26/2006 | 09/26/2006 | 09/26/2006 |
| Date Analyzed | | | 09/26/2006 | 09/26/2006 | 09/26/2006 | 09/26/2006 |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous |
| QC Batch Number | | | 092606 | 092606 | 092606 | 092606 |
| Units | | | mg/L | mg/L | mg/L | ug/L |
| Method Detection Limit | | | 0.02 | 0.30 | 0.02 | 2.0 |
| Practical Quantitation Limit | | | 0.20 | 0.30 | 0.20 | 2.0 |
| Dilution Factor | | | 1 | 1 | 1 | 1 |
| **Lab ID** | **Sample ID** | **Sampled** | **Results** | **Results** | **Results** | **Results** |
| 39080.01 | W-1 | 09/25/2006 | ND | ND | 98.0 | ND |
| 39080.02 | W-2 | 09/25/2006 | ND | ND | 106 | ND |
| 39080.03 | W-3 | 09/25/2006 | ND | ND | 62.2 | ND |
| N/A | Method Blank | / / | ND | ND | ND | ND |

| Analytes | | | Sulfide, total | Chromium (VI) | N-Nitrosodimethylamine | |
|---|---|---|---|---|---|---|
| Methods of Analyses | | | 376.2 | 7199 | 1625M | |
| Date Prepared | | | 09/26/2006 | 09/26/2006 | 10/02/2006 | |
| Date Analyzed | | | 09/26/2006 | 09/26/2006 | 10/03/2006 | |
| Matrix | | | Aqueous | Aqueous | Aqueous | |
| QC Batch Number | | | 092606 | 092606 | 100206 | |
| Units | | | mg/L | ug/L | ng/L | |
| Method Detection Limit | | | 0.01 | 2.0 | 2.0 | |
| Practical Quantitation Limit | | | 0.05 | 2.0 | 2.0 | |
| Dilution Factor | | | 1 | 1 | 1 | |
| **Lab ID** | **Sample ID** | **Sampled** | **Results** | **Results** | **Results** | |
| 39080.01 | W-1 | 09/25/2006 | ND | 7.86 | ND | |

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# ANALYTICAL RESULTS



Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

| Analytes | | | Sulfide, total | Chromium (VI) | N-Nitrosodimethylamine | |
|---|---|---|---|---|---|---|
| Methods of Analyses | | | 376.2 | 7199 | 1625M | |
| Date Prepared | | | 09/26/2006 | 09/26/2006 | 10/02/2006 | |
| Date Analyzed | | | 09/26/2006 | 09/26/2006 | 10/03/2006 | |
| Matrix | | | Aqueous | Aqueous | Aqueous | |
| QC Batch Number | | | 092606 | 092606 | 100206 | |
| Units | | | mg/L | ug/L | ng/L | |
| Method Detection Limit | | | 0.01 | 2.0 | 2.0 | |
| Practical Quantitation Limit | | | 0.05 | 2.0 | 2.0 | |
| Dilution Factor | | | 1 | 1 | 1 | |
| Lab ID | Sample ID | Sampled | Results | Results | Results | |
| 39080.02 | W-2 | 09/25/2006 | ND | 8.14 | ND | |
| 39080.03 | W-3 | 09/25/2006 | ND | 31.1 | ND | |
| N/A | Method Blank | / / | ND | ND | ND | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 6010/7000CAM, CAM Title 22 Metals (SW-846)

**QC Batch No: 092906-1**

| Our Lab I.D. | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | W-1 | W-2 | W-3 | |
| Date Sampled | | | | 09/25/2006 | 09/25/2006 | 09/25/2006 | |
| Date Prepared | | | 09/29/2006 | 09/29/2006 | 09/29/2006 | 09/29/2006 | |
| Preparation Method | | | 3005A | 3005A | 3005A | 3005A | |
| Date Analyzed | | | 09/29/2006 | 09/29/2006 | 09/29/2006 | 09/29/2006 | |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous | |
| Units | | | mg/L | mg/L | mg/L | mg/L | |
| Dilution Factor | | | 1 | 1 | 1 | 1 | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | |
| Antimony | 0.05 | 0.10 | ND | ND | ND | ND | |
| Arsenic | 0.05 | 0.10 | ND | ND | ND | ND | |
| Barium | 0.03 | 0.05 | ND | 0.109 | 0.098 | 0.083 | |
| Beryllium | 0.01 | 0.05 | ND | ND | ND | ND | |
| Cadmium | 0.01 | 0.05 | ND | ND | ND | ND | |
| Chromium | 0.01 | 0.05 | ND | ND | ND | 0.027J | |
| Cobalt | 0.01 | 0.05 | ND | ND | ND | ND | |
| Copper | 0.01 | 0.05 | ND | ND | ND | ND | |
| Lead | 0.05 | 0.10 | ND | ND | ND | ND | |
| Mercury (By EPA 7470) | 0.001 | 0.002 | ND | ND | ND | ND | |
| Molybdenum | 0.01 | 0.05 | ND | ND | 0.010J | ND | |
| Nickel | 0.01 | 0.05 | ND | ND | ND | ND | |
| Selenium | 0.05 | 0.10 | ND | ND | ND | ND | |
| Silver | 0.01 | 0.05 | ND | ND | ND | ND | |
| Thallium | 0.05 | 0.10 | ND | ND | ND | ND | |
| Vanadium | 0.03 | 0.05 | ND | ND | ND | ND | |
| Zinc | 0.01 | 0.05 | ND | 0.032J | 0.033J | 0.029J | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 6010BSCAN, Ca, Fe, Mg, Mn, K, and Na by ICP

**QC Batch No: 092906-1**

| Our Lab I.D. | | | Method Blank | 39080.01 | 39080.02 | 39080.03 | |
|---|---|---|---|---|---|---|---|
| Client Sample I.D. | | | | W-1 | W-2 | W-3 | |
| Date Sampled | | | | 09/25/2006 | 09/25/2006 | 09/25/2006 | |
| Date Prepared | | | 09/29/2006 | 09/29/2006 | 09/29/2006 | 09/29/2006 | |
| Preparation Method | | | 3005A | 3005A | 3005A | 3005A | |
| Date Analyzed | | | 09/29/2006 | 09/29/2006 | 09/29/2006 | 09/29/2006 | |
| Matrix | | | Aqueous | Aqueous | Aqueous | Aqueous | |
| Units | | | mg/L | mg/L | mg/L | mg/L | |
| Dilution Factor | | | 1 | 1 | 1 | 1 | |
| **Analytes** | **MDL** | **PQL** | **Results** | **Results** | **Results** | **Results** | |
| Calcium | 0.25 | 0.50 | ND | 83.2 | 88.3 | 70.1 | |
| Iron | 0.05 | 0.10 | ND | ND | ND | ND | |
| Magnesium | 0.25 | 0.50 | ND | 26.7 | 27.4 | 21.9 | |
| Manganese | 0.05 | 0.10 | ND | ND | ND | ND | |
| Potassium | 0.50 | 1.00 | ND | 3.74 | 4.71 | 3.76 | |
| Sodium | 0.25 | 0.50 | ND | 27.6 | 41.3 | 29.9 | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

Page: **10**

Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

Method: 160.1, Total Dissolved Solids, Gravimetric, Dried at 180 C

## QUALITY CONTROL REPORT

**QC Batch No: 092606 Sample Spiked: 39094.01 QC Prepared: 09/26/2006 QC Analyzed: 09/26/2006**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | 1050 | 1030 | 1.9 | <15 | | | | | | |

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**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

Method: 300.0, Determination of Inorganic Anion in water by IC

## QUALITY CONTROL REPORT

**QC Batch No: 092606 Sample Spiked: 092606 QC Prepared: 09/26/2006 QC Analyzed: 09/26/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS DUP Concen | LCS DUP Recov | LCS DUP % REC | LCS RPD % REC | LCS/LCSD % Limit | LCS RPD % Limit | |
|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 20.00 | 18.00 | 90 | 20.00 | 18.20 | 91 | 1.1 | 80-120 | <20 | |
| Fluoride | 2.00 | 1.82 | 91 | 2.00 | 1.88 | 94 | 3.2 | 80-120 | <20 | |
| Nitrate as Nitrogen | 2.00 | 1.86 | 93 | 2.00 | 1.86 | 93 | <1 | 80-120 | <20 | |
| Nitrite as Nitrogen | 2.00 | 1.84 | 92 | 2.00 | 1.90 | 95 | 3.2 | 80-120 | <20 | |
| Phosphate | 2.00 | 2.02 | 101 | 2.00 | 2.06 | 103 | 2.0 | 80-120 | <20 | |
| Sulfate | 20.00 | 18.40 | 92 | 20.00 | 18.60 | 93 | 1.1 | 80-120 | <20 | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 314.0, Perchlorate by IC

## QUALITY CONTROL REPORT

**QC Batch No: 092606 Sample Spiked: 39080.01 QC Prepared: 09/26/2006 QC Analyzed: 09/26/2006**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Perchlorate | 0.00 | 50.00 | 52.50 | 105 | 50.00 | 52.50 | 105 | <1 | 80-120 | <20 |

**QC Batch No: 092606 Sample Spiked: 39080.01 QC Prepared: 09/26/2006 QC Analyzed: 09/26/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Perchlorate | 50.00 | 52.00 | 104 | 85-115 | | | | | | |

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**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

Method: 376.2, Total Sulfide, Colorimetric (EPA/600/4-79-020)

## QUALITY CONTROL REPORT

**QC Batch No: 092606 Sample Spiked: 39080.01 QC Prepared: 09/26/2006 QC Analyzed: 09/26/2006**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sulfide, total | ND | ND | <1 | <15 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 6010/7000CAM, CAM Title 22 Metals (SW-846)

## QUALITY CONTROL REPORT

**QC Batch No: 092906-1 Sample Spiked: 39108.01 QC Prepared: 09/29/2006 QC Analyzed: 09/29/2006**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 1.00 | 0.84 | 84 | 1.00 | 0.82 | 82 | 2.4 | 80-120 | <15 |
| Arsenic | ND | 1.00 | 0.88 | 88 | 1.00 | 0.86 | 86 | 2.3 | 80-120 | <15 |
| Barium | 0.002 | 1.00 | 0.91 | 91 | 1.00 | 0.88 | 88 | 3.4 | 80-120 | <15 |
| Beryllium | ND | 1.00 | 0.89 | 89 | 1.00 | 0.87 | 87 | 2.3 | 80-120 | <15 |
| Cadmium | 0.001 | 1.00 | 0.89 | 89 | 1.00 | 0.86 | 86 | 3.4 | 80-120 | <15 |
| Chromium | 0.001 | 1.00 | 0.89 | 89 | 1.00 | 0.85 | 85 | 4.6 | 80-120 | <15 |
| Cobalt | ND | 1.00 | 0.89 | 89 | 1.00 | 0.86 | 86 | 3.4 | 80-120 | <15 |
| Copper | 0.002 | 1.00 | 0.87 | 87 | 1.00 | 0.84 | 84 | 3.5 | 80-120 | <15 |
| Lead | ND | 1.00 | 0.88 | 88 | 1.00 | 0.85 | 85 | 3.5 | 80-120 | <15 |
| Mercury (By EPA 7470) | ND | 0.01 | 0.01 | 91 | 0.01 | 0.01 | 98 | 7.4 | 80-120 | <15 |
| Molybdenum | 0.008 | 1.00 | 0.91 | 90 | 1.00 | 0.89 | 88 | 2.2 | 80-120 | <15 |
| Nickel | 0.003 | 1.00 | 0.88 | 88 | 1.00 | 0.85 | 85 | 3.5 | 80-120 | <15 |
| Selenium | ND | 1.00 | 0.90 | 90 | 1.00 | 0.88 | 88 | 2.2 | 80-120 | <15 |
| Silver | ND | 1.00 | 0.81 | 81 | 1.00 | 0.82 | 82 | 1.2 | 80-120 | <15 |
| Thallium | 0.001 | 1.00 | 0.91 | 91 | 1.00 | 0.86 | 86 | 5.6 | 80-120 | <15 |
| Vanadium | ND | 1.00 | 0.89 | 89 | 1.00 | 0.85 | 85 | 4.6 | 80-120 | <15 |
| Zinc | 0.074 | 1.00 | 1.00 | 93 | 1.00 | 0.96 | 89 | 4.4 | 80-120 | <15 |

**QC Batch No: 092906-1 Sample Spiked: 39108.01 QC Prepared: 09/29/2006 QC Analyzed: 09/29/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 1.00 | 0.83 | 83 | 80-120 | | | | | | |
| Arsenic | 1.00 | 0.89 | 89 | 80-120 | | | | | | |
| Barium | 1.00 | 0.92 | 92 | 80-120 | | | | | | |
| Beryllium | 1.00 | 0.89 | 89 | 80-120 | | | | | | |
| Cadmium | 1.00 | 0.90 | 90 | 80-120 | | | | | | |
| Chromium | 1.00 | 0.88 | 88 | 80-120 | | | | | | |
| Cobalt | 1.00 | 0.89 | 89 | 80-120 | | | | | | |
| Copper | 1.00 | 0.85 | 85 | 80-120 | | | | | | |
| Lead | 1.00 | 0.87 | 87 | 80-120 | | | | | | |
| Mercury (By EPA 7470) | 0.01 | 0.01 | 103 | 80-120 | | | | | | |
| Molybdenum | 1.00 | 0.90 | 90 | 80-120 | | | | | | |
| Nickel | 1.00 | 0.89 | 89 | 80-120 | | | | | | |
| Selenium | 1.00 | 0.89 | 89 | 80-120 | | | | | | |

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ANALYTICAL RESULTS



Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 6010/7000CAM, CAM Title 22 Metals (SW-846)

**QC Batch No: 092906-1 Sample Spiked: 39108.01 QC Prepared: 09/29/2006 QC Analyzed: 09/29/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Silver | 1.00 | 0.86 | 86 | 80-120 | | | | | | |
| Thallium | 1.00 | 0.89 | 89 | 80-120 | | | | | | |
| Vanadium | 1.00 | 0.88 | 88 | 80-120 | | | | | | |
| Zinc | 1.00 | 0.92 | 92 | 80-120 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

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Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 6010BSCAN, Ca, Fe, Mg, Mn, K, and Na by ICP

## QUALITY CONTROL REPORT

**QC Batch No: 092906-1 Sample Spiked: 39108.01 QC Prepared: 09/29/2006 QC Analyzed: 09/29/2006**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 0.291 | 1.00 | 1.20 | 91 | 1.00 | 1.22 | 93 | 2.2 | 80-120 | <15 |
| Iron | 0.069 | 1.00 | 0.98 | 91 | 1.00 | 0.99 | 92 | 1.1 | 80-120 | <15 |
| Magnesium | 0.030 | 1.00 | 0.95 | 92 | 1.00 | 0.98 | 95 | 3.2 | 80-120 | <15 |
| Manganese | 0.014 | 1.00 | 0.91 | 90 | 1.00 | 0.87 | 86 | 4.5 | 80-120 | <15 |
| Potassium | 0.604 | 1.00 | 1.48 | 88 | 1.00 | 1.44 | 84 | 4.7 | 80-120 | <15 |
| Sodium | 1.776 | 1.00 | 2.62 | 84 | 1.00 | 2.62 | 84 | <1 | 80-120 | <15 |

**QC Batch No: 092906-1 Sample Spiked: 39108.01 QC Prepared: 09/29/2006 QC Analyzed: 09/29/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Calcium | 1.00 | 0.98 | 98 | 80-120 | | | | | | |
| Iron | 1.00 | 0.95 | 95 | 80-120 | | | | | | |
| Magnesium | 1.00 | 0.97 | 97 | 80-120 | | | | | | |
| Manganese | 1.00 | 0.89 | 89 | 80-120 | | | | | | |
| Potassium | 1.00 | 0.90 | 90 | 80-120 | | | | | | |
| Sodium | 1.00 | 0.86 | 86 | 80-120 | | | | | | |

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com


## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

Page: 17

Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 7199, Chromium Hexavalent by Ion Chromatography

## QUALITY CONTROL REPORT

**QC Batch No: 092606 Sample Spiked: 39080.01 QC Prepared: 09/26/2006 QC Analyzed: 09/26/2006**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium (VI) | 49.9 | 50.00 | 94.90 | 90 | 50.00 | 94.90 | 90 | <1 | 85-115 | <20 |

**QC Batch No: 092606 Sample Spiked: 39080.01 QC Prepared: 09/26/2006 QC Analyzed: 09/26/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium (VI) | 50.00 | 50.00 | 100 | 80-120 | | | | | | |

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The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

Page: 18

Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

## Method: 8260B, Volatile Organic Compounds by GC/MS (SW846)

## QUALITY CONTROL REPORT

**QC Batch No: 100206 Sample Spiked: 100206 QC Prepared: 10/02/2006 QC Analyzed: 10/02/2006**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.00 | 50.00 | 49.50 | 99 | 50.00 | 50.00 | 100 | 1.0 | 75-125 | <20 |
| Chlorobenzene | 0.00 | 50.00 | 51.50 | 103 | 50.00 | 51.00 | 102 | <1 | 75-125 | <20 |
| 1,1-Dichloroethene | 0.00 | 50.00 | 52.00 | 104 | 50.00 | 49.50 | 99 | 4.9 | 75-125 | <20 |
| Methyl-tert-butyl ether (MTBE) | 0.00 | 50.00 | 45.50 | 91 | 50.00 | 41.50 | 83 | 9.2 | 75-125 | <20 |
| Toluene (Methyl benzene) | 0.00 | 50.00 | 50.50 | 101 | 50.00 | 50.50 | 101 | <1 | 75-125 | <20 |
| Trichloroethene | 0.00 | 50.00 | 55.00 | 110 | 50.00 | 53.00 | 106 | 3.7 | 75-125 | <20 |

**QC Batch No: 100206 Sample Spiked: 100206 QC Prepared: 10/02/2006 QC Analyzed: 10/02/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 50.00 | 51.50 | 103 | 75-125 | | | | | | |
| Chlorobenzene | 50.00 | 50.00 | 100 | 75-125 | | | | | | |
| 1,1-Dichloroethene | 50.00 | 57.50 | 115 | 75-125 | | | | | | |
| Methyl-tert-butyl ether (MTBE) | 50.00 | 52.50 | 105 | 75-125 | | | | | | |
| Toluene (Methyl benzene) | 50.00 | 50.00 | 100 | 75-125 | | | | | | |
| Trichloroethene | 50.00 | 57.00 | 114 | 75-125 | | | | | | |
| **LCS** | | | | | | | | | | |
| Chloroform (Trichloromethane) | 50.00 | 51.00 | 102 | 75-125 | | | | | | |
| Ethylbenzene | 50.00 | 51.00 | 102 | 75-125 | | | | | | |
| 1,1,1-Trichloroethane | 50.00 | 53.50 | 107 | 75-125 | | | | | | |
| o-Xylene | 50.00 | 49.00 | 98 | 75-125 | | | | | | |
| m,p-Xylenes | 100.00 | 99.00 | 99 | 75-125 | | | | | | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

Page: **19**

Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

Method: 8260B-SIM, 1,2,3-TCP and 1,4-Dioxane by GC/MS SIM (8260B Modified)

## QUALITY CONTROL REPORT

**QC Batch No: 100406 Sample Spiked: 100406 QC Prepared: 10/04/2006 QC Analyzed: 10/04/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS DUP Concen | LCS DUP Recov | LCS DUP % REC | LCS RPD % REC | LCS/LCSD % Limit | LCS RPD % Limit | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 25.00 | 26.50 | 106 | 25.00 | 24.25 | 97 | 8.9 | 60-130 | <30 | |
| 1,2,3-Trichloropropane | 0.13 | 0.12 | 96 | 0.13 | 0.11 | 88 | 8.7 | 60-130 | <30 | |

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## ANALYTICAL RESULTS

**Ordered By**

The Source Group, Inc.
299 West Hillcrest Drive
Suite #220
Thousand Oaks, CA 91360-

**Site**

2980 San Fernando Blvd.
Burbank, CA 91504

Telephone: (805)373-9063
Attn: Dan Grasmick

Page: 20

Project ID: 060111DC1

| AETL Job Number | Submitted | Client |
|---|---|---|
| 39080 | 09/25/2006 | SOURCE |

Method: 1625M, N-Nitrosodimethylamine by Isotope Dilution and CI Mode GC/MS

## QUALITY CONTROL REPORT

**QC Batch No: 100206 Sample Spiked: 100206 QC Prepared: 10/02/2006 QC Analyzed: 10/03/2006**

| Analytes | Sample Result | MS Concen | MS Recov | MS % REC | MS DUP Concen | MS DUP Recov | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| N-Nitrosodimethylamine | 0.00 | 20.00 | 19.60 | 98 | 20.00 | 18.20 | 91 | 7.4 | 70-130 | <30 |

**QC Batch No: 100206 Sample Spiked: 100206 QC Prepared: 10/02/2006 QC Analyzed: 10/03/2006**

| Analytes | LCS Concen | LCS Recov | LCS % REC | LCS/LCSD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| N-Nitrosodimethylamine | 10.00 | 10.10 | 101 | 70-130 | | | | | | |

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# Data Qualifiers and Descriptors

## *Data Qualifier:*

| | |
|---|---|
| *: | In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied. |
| B: | Analyte was present in the Method Blank. |
| D: | Result is from a diluted analysis. |
| E: | Result is beyond calibration limits and is estimated. |
| H: | Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control. |
| J: | Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL). |
| M: | Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable. |
| S6: | Surrogate recovery is outside control limits due to matrix interference. |
| S8: | The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria. |
| X: | Results represent LCS and LCSD data. |

## *Definition:*

| | |
|---|---|
| %Limi: | Percent acceptable limits. |
| %REC: | Percent recovery. |
| Con.L: | Acceptable Control Limits |
| Conce: | Added concentration to the sample. |
| LCS: | Laboratory Control Sample |
| MDL: | Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability. |
| MS: | Matrix Spike |
| MS DU: | Matrix Spike Duplicate |

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# Data Qualifiers and Descriptors

| | |
|---|---|
| ND: | Analyte was not detected in the sample at or above MDL. |
| PQL: | Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice. |
| Recov: | Recovered concentration in the sample. |
| RPD: | Relative Percent Difference |

# APPENDIX C

## Historical Data Tables

## Table C-1

## Historic Groundwater Elevations

### Former SSP Site
### 2980 North San Fernando Boulevard, Burbank California

| Well Identification | Measurement Date | Top of Casing Elevation (feet msl)[1,2] | Depth to Groundwater (ft below TOC)[3] | Groundwater Elevation (feet msl) |
|---|---|---|---|---|
| **W-1** | **1/11/2006** | 688.79 | 222.02 | 466.77 |
| **W-1** | **4/27/2006** | 688.59 | 218.54 | 470.05 |
| **W-1** | **7/6/2006** | 688.59 | 217.14 | 471.45 |
| **W-1** | **9/25/2006** | 688.59 | 217.17 | 471.42 |
| | | | | |
| **W-2** | **1/11/2006** | 693.76 | 224.27 | 469.49 |
| **W-2** | **4/27/2006** | 693.76 | 221.03 | 472.73 |
| **W-2** | **7/6/2006** | 693.76 | 219.02 | 474.74 |
| **W-2** | **9/25/2006** | 693.76 | 218.7 | 475.06 |
| | | | | |
| **W-3** | **1/11/2006** | 694.29 | 229.87 | 464.42 |
| **W-3** | **4/27/2006** | 692.70 | 224.21 | 468.49 |
| **W-3** | **7/6/2006** | 692.70 | 222.57 | 470.13 |
| **W-3** | **9/25/2006** | 692.70 | 222.46 | 470.24 |

**Notes:**

1. msl - mean seal level.
2. Well survey data for W-2 measured January 11, 2006. Wells W-1 and W-3 re-measured April 6, 2006 after well casing modifications.
3. TOC - top of casing.

## Table C-2

## Historic Groundwater Analytical Results
## Volatile Organic Compounds (VOCs) using EPA Method 8260B

## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Analyte[1,2] | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Carbon Tetrachloride | Chloroform | 1,1-Dichloroethane (11-DCA) | 1,2-Dichloroethane (12-DCA) | 1,1-Dichloroethene (11-DCE) | cis-1,2-Dichloroethene (cis-12-DCE) | Tetrachloroethene (PCE) | 1,1,1-Trichloroethane (111-TCA) | Trichloroethene (TCE) |
| W-1 | 1/11/2006 | 9.4 | 2.7 | <1.0[3] | <1.0 | 69.9 | <1.0 | 212 | <1.0 | 730 |
| W-1 | 4/27/2006 | 9.5 | 2.9 | <1.0 | <1.0 | 48.3 | <1.0 | 205 | <1.0 | 557 |
| W-1 | 7/6/2006 | 7.8 | 2.1 | <1.0 | <1.0 | 31.6 | 1.1 | 298 | <1.0 | 448 |
| W-1 | 9/25/2006 | 7.9 | 2.3 | <1.0 | <1.0 | 36.3 | 0.6 J[4] | 191 | <1.0 | 372 |
| | | | | | | | | | | |
| W-2 | 1/11/2006 | 7.1 | 14.2 | 7.4 | <1.0 | 252 | 20.6 | 70.9 | 1.1 | 1,800 |
| W-2 | 4/27/2006 | 7.6 | 17.5 | 10.2 | <1.0 | 246 | 21.8 | 234 | 1.3 | 1,840 |
| W-2 | 7/6/2006 | 5.9 | 12.9 | 10 | <1.0 | 203 | 21.7 | 142 | 1.1 | 1,330 |
| W-2 | 9/25/2006 | 5.5 | 12.1 | 9.2 | <1.0 | 146 | 20.3 | 120 | 0.8 J | 1,870 |
| | | | | | | | | | | |
| W-3 | 1/11/2006 | 14.1 | 19.6 | 7 | <1.0 | 212 | 20.5 | 423 | <1.0 | 3,220 |
| W-3 | 4/27/2006 | 15.0 | 24 | 9.2 | <1.0 | 244 | 23 | 557 | 3.8 | 3,680 |
| W-3 | 7/6/2006 | 11.4 | 16.5 | 7.9 | 0.7 J | 198 | 21.6 | 765 | 5.1 | 2,380 |
| W-3 | 9/25/2006 | 12.0 | 16.4 | 7.4 | <1.0 | 159 | 20.8 | 785 | 3.6 | 2,990 |
| | | | | | | | | | | |
| QCTB-1 | 1/11/2006 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| QCTB-1 | 4/27/2006 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| QCTB-1 | 7/6/2006 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| QCTB-1 | 9/25/2006 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |

**Notes:**

1. All concentrations in micrograms per liter (ug/L).
2. Only detected VOCs are listed in table. For a complete list of VOCs screened for by EPA Method 8260B, please refer to the laboratory summary report (Appendix B).
3. < - denotes analyte not detected above the noted practical quantitation limit.
4. J - denotes analyte was detected between Method Detection Limit (MDL) and Practical Quantitation Limit (PQL), and the concentratic

## Table C-3

## Historic Groundwater Analytical Results
## *Emergent Chemicals of Concern*

## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Analyte[1] | | | | |
|---|---|---|---|---|---|---|
| | | Hexavalent Chromium (CrVI) | Perchlorate ($ClO_4^-$) | 1,2,3-Trichloropropane (123-TCP) | 1,4-Dioxane | n-Nitrosodimethylamine (NDMA) |
| | | Analytical Method | | | | |
| | | 7199 | 314.0 | 5030 / 8260B-SIM | 5030 / 8260B-SIM | 1625M |
| | | Reported Units | | | | |
| | | ug/liter | ug/liter | ug/liter | ug/liter | ng/liter |
| W-1 | 1/11/2006 | 5.5 | <2[2] | <0.005 | <2 | <2 |
| W-1 | 4/27/2006 | 12.0 | <2 | <0.005 | <2 | <2 |
| W-1 | 7/6/2006 | 9.56 | <2 | <0.005 | <2 | <2 |
| W-1 | 9/25/2006 | 7.86 | <2 | <0.005 | <2 | <2 |
| | | | | | | |
| W-2 | 1/11/2006 | 6.4 | <2 | <0.005 | <2 | <2 |
| W-2 | 4/27/2006 | 13.1 | 2.08 | <0.005 | <2 | <2 |
| W-2 | 7/6/2006 | 9.66 | 2.26 | <0.005 | <2 | <2 |
| W-2 | 9/25/2006 | 8.14 | <2 | <0.005 | <2 | <2 |
| | | | | | | |
| W-3 | 1/11/2006 | 8.7 | <2 | <0.005 | <2 | 2 |
| W-3 | 4/27/2006 | 35.1 | <2 | <0.005 | 3.25 | <2 |
| W-3 | 7/6/2006 | 51.1 | <2 | <0.005 | <2 | <2 |
| W-3 | 9/25/2006 | 31.1 | <2 | <0.005 | <2 | <2 |

**Notes:**

1. Concentration units noted by analyte.
2. < - denotes analyte not detected above the noted practical quantitation limit.

## Table C-4

## Historic Groundwater Analytical Results
## CAM 17 Metals Using EPA Method 6010/7000 Series

## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Analyte and Analytical Test Method[1] | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EPA Method 6010 | | | | | | | | | | | | | | | | EPA Method 7470 |
| | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Copper | Lead | Molybdenum | Nickel | Selenium | Silver | Thallium | Vanadium | Zinc | Mercury |
| W-1 | 1/11/2006 | <0.1[2] | <0.1 | 0.113 | <0.05 | <0.05 | <0.05 | <0.05 | 0.018 J[3] | <0.1 | 0.01 J | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.016 J | <0.002 |
| W-1 | 4/27/2006 | <0.1 | <0.1 | 0.097 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.022 J | <0.002 |
| W-1 | 7/6/2006 | <0.052 | <0.1 | 0.111 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | 0.010 J | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | <0.05 | <0.002 |
| W-1 | 9/25/2006 | <0.1 | <0.1 | 0.083 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.032 J | <0.002 |
| | | | | | | | | | | | | | | | | | | |
| W-2 | 1/11/2006 | <0.1 | <0.1 | 0.088 | <0.05 | <0.05 | 0.010 J | <0.05 | 0.020 J | <0.1 | 0.018 J | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.014 J | <0.002 |
| W-2 | 4/27/2006 | <0.1 | <0.1 | 0.079 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.05 | 0.018 J | <0.1 | <0.05 | <0.1 | <0.05 | <0.05 | <0.002 |
| W-2 | 7/6/2006 | <0.1 | <0.1 | 0.093 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | 0.011 J | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | <0.05 | <0.002 |
| W-2 | 9/25/2006 | <0.1 | <0.1 | 0.098 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | 0.010 J | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.033 J | <0.002 |
| | | | | | | | | | | | | | | | | | | |
| W-3 | 1/11/2006 | <0.1 | <0.1 | 0.077 | <0.05 | <0.05 | 0.013 J | <0.05 | 0.014 J | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.015 J | <0.002 |
| W-3 | 4/27/2006 | <0.1 | <0.1 | 0.073 | <0.05 | <0.05 | 0.020 J | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | <0.05 | <0.002 |
| W-3 | 7/6/2006 | <0.1 | <0.1 | 0.086 | <0.05 | <0.05 | 0.056 | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | <0.05 | <0.002 |
| W-3 | 9/25/2006 | <0.1 | <0.1 | 0.083 | <0.05 | <0.05 | 0.027 J | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.1 | <0.05 | <0.1 | <0.05 | 0.029 J | <0.002 |

Notes:

1. All concentrations in milligrams per liter (mg/L).
2. < - denotes analyte not detected above the noted practical quantitation limit.
3. J - denotes analyte was detected between Method Detection Limit (MDL) and Practical Quantitation Limit (PQL), and the concentration is estimated.

## Table C-5

## Historic Groundwater Analytical Results
## General Minerals - Cations; Using EPA Method 6010

## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Analyte[1] | | | | | |
|---|---|---|---|---|---|---|---|
| | | Calcium | Iron | Magnesium | Manganese | Potassium | Sodium |
| W-1 | 1/11/2006 | 96.5 | <0.1 [2] | 30.7 | <0.1 | 4.21 | 38.5 |
| W-1 | 4/27/2006 | 83.5 | <0.1 | 26.7 | <0.1 | 3.70 | 36.0 |
| W-1 | 7/6/2006 | 95.4 | <0.1 | 30.2 | <0.1 | 4.23 | 37.8 |
| W-1 | 9/25/2006 | 83.2 | <0.1 | 26.7 | <0.1 | 3.74 | 27.6 |
| | | | | | | | |
| W-2 | 1/11/2006 | 77.7 | <0.1 | 23.6 | <0.1 | 3.77 | 47.1 |
| W-2 | 4/27/2006 | 70.0 | <0.1 | 21.3 | <0.1 | 3.56 | 43.2 |
| W-2 | 7/6/2006 | 82.6 | <0.1 | 24.8 | <0.1 | 3.90 | 46.8 |
| W-2 | 9/25/2006 | 88.3 | <0.1 | 27.4 | <0.1 | 4.71 | 41.3 |
| | | | | | | | |
| W-3 | 1/11/2006 | 70.5 | <0.1 | 21.9 | <0.1 | 3.47 | 36.9 |
| W-3 | 4/27/2006 | 64.9 | <0.1 | 20.2 | <0.1 | 3.16 | 35.2 |
| W-3 | 7/6/2006 | 3.89 | <0.1 | 24.5 | <0.1 | 3.89 | 40.2 |
| W-3 | 9/25/2006 | 70.1 | <0.1 | 21.9 | <0.1 | 3.76 | 29.9 |

**Notes:**

1. All concentrations in milligrams per liter (mg/L).
2. < - denotes analyte not detected above the noted practical quantitation limit.

## Table C-6

## Historic Groundwater Analytical Results
## General Minerals - Anions, Dissolved Oxygen, and Total Dissolved Solids

## Former SSP Site
## 2980 North San Fernando Boulevard, Burbank California

| Sample Identification | Sample Date | Chloride | Fluoride | Nitrate as N | Nitrite as N | Sulfate | Sulfide | Phosphate | Total Dissolved Solids | Dissolved Oxygen |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Analytical Method | | | | | | | | |
| | | 300.0 | 300.0 | 300.0 | 300.0 | 300.0 | 376.2 | 300.0 | 160.1 | SM-4500-OG |
| | | Reported Concentration Units | | | | | | | | |
| | | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter | mg/liter |
| W-1 | 1/11/2006 | 51.2 | --[1] | 10.6 | <0.04[2] | 103 | <0.05 | -- | -- | 8 |
| W-1 | 4/27/2006 | 53.3 | -- | 10.4 | <0.04 | 104 | <0.05 | -- | -- | 7.59 |
| W-1 | 7/6/2006 | 55.1 | <0.10 | 9.35 | <0.2 | 105 | <0.05 | <0.03 | 560 | -- |
| W-1 | 9/25/2006 | 52.7 | 0.15 | 9.25 | <0.2 | 98 | <0.05 | <0.03 | 568 | -- |
| | | | | | | | | | | |
| W-2 | 1/11/2006 | 42.6 | -- | 9.6 | <0.04 | 99 | <0.05 | -- | -- | 7.77 |
| W-2 | 4/27/2006 | 44.0 | -- | 9.8 | <0.04 | 102 | <0.05 | -- | -- | 7.64 |
| W-2 | 7/6/2006 | 48.2 | <0.1 | 9.5 | <0.2 | 107 | <0.05 | <0.03 | 570 | -- |
| W-2 | 9/25/2006 | 47.1 | 0.1 | 9.6 | <0.2 | 106 | <0.05 | <0.03 | 548 | -- |
| | | | | | | | | | | |
| W-3 | 1/11/2006 | 33.3 | -- | 8.75 | <0.04 | 66.7 | <0.05 | -- | -- | 7.55 |
| W-3 | 4/27/2006 | 36.3 | -- | 9.7 | <0.04 | 66.8 | <0.05 | -- | -- | 7.57 |
| W-3 | 7/6/2006 | 38.4 | <0.1 | 9.75 | <0.2 | 68.5 | <0.05 | <0.03 | 492 | -- |
| W-3 | 9/25/2006 | 35.8 | 0.2 | 9.4 | <0.2 | 62.2 | <0.05 | <0.03 | 468 | -- |

Notes:

1. -- - denotes sample was not analyzed for parameter during sampling event.
2. < - denotes analyte not detected above the noted practical quantitation limit.